

ONKYO[®]

IMAGINATIVE SIGHT & SOUND

Clarity, Depth, Emotion.
A Uniquely Onkyo Experience.

Audio/Video Products 2008–2009



Committed to a Greater Entertainment Experience

Blending high-def media with the latest audio and video technologies to create cutting-edge home entertainment—it's no easy feat. It requires an "x factor" that goes beyond recognized expertise, technical innovation, and an unsurpassed track record. At Onkyo, our commitment is to sound and to extracting more emotion from your home entertainment experience. You'll see the evidence in our home cinema components, which incorporate the best technologies available—HQV, Faroudja, Dolby TrueHD, DTS-HD Master Audio, Blu-ray Disc, Audyssey, HDMI, and THX.

You'll also see the Onkyo commitment in our new line-up of convenient home cinema packages, quality playback components, wide-ranging home style and pure hi-fi components, celebrated compact audio systems, iPod accessories, and speaker systems.



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Invigorating the 2008 A/V Receiver Line-Up —Core Technologies That Make All the Difference

The Leading Edge in Power and High-Def A/V Processing

Expanding what's possible with high-definition media, Onkyo brings you scintillating home entertainment like you've never experienced before. Our range of second-generation high-definition A/V receivers (and controller) takes the experience even further with some of the most acclaimed home cinema features out there. Whatever the source—including Blu-ray Disc and DVD video, HD broadcasting, gaming, and studio master-quality surround-sound movie soundtracks and music—this line-up has it covered. For high-definition 1080p video and studio master-quality surround-sound formats—such as Dolby® TrueHD and DTS-HD Master Audio™—these A/V receivers provide the right mix of amplification power, precision processing, and smart technological application.



Pure Digital Delivery with HDMI™ (High-Definition Multimedia Interface)

HDMI is the conduit through which the receivers (and controller) in Onkyo's 2008 range receive and distribute high-definition video and audio. Every A/V receiver in the line-up handles a pure, all-digital 1080p video signal through one HDMI connection. Also, almost all of our receivers equipped with the latest version of HDMI can process studio master-quality multichannel audio from Dolby TrueHD or DTS-HD Master Audio. This version of HDMI also enables CEC (Consumer Electronics Control), greater bandwidth, Deep Color™, lip-sync correction, and high frame rates. Within the 2008 range, you can find receivers with up to five HDMI inputs, and even dual output for connection to a flat-panel display and a 1080p video projector.



HDMI

Meeting THX Benchmarks for Superior Performance and Reliability

To ensure that all mid-range and high-end A/V receivers (and controller) in the 2008 line-up meet THX's comprehensive performance standards, THX engineers spend countless hours testing and analyzing sound quality, usability, and interoperability for each model. This enduring relationship between Onkyo and THX guarantees even greater reliability and quality from certified A/V receivers (and controller). The 2008 range features two new THX standards: THX® Ultra2 Plus™ and THX® Select2 Plus™. These standards include THX® Loudness Plus™, which enables home cinema audiences to experience rich detail and ambient sound in a surround mix at any volume level.



HQV Reon-VX Chip for 1080p Video Upscaling and Processing

Renowned for enabling the most sophisticated video processing in home cinema, the HQV Reon-VX chip can be found onboard the TX-NR906, PR-SC886, and TX-SR876. It provides the ultimate support for standard-definition and high-definition deinterlacing; 1080p video scaling; filtering of jaggies and artifacts; and the reduction of random, "mosquito" and block (codec) noise. HQV Reon-VX also enables color region enhancement and the rendering of more than one billion colors.

HQV



Standard chips process pixels in blocks, creating unwanted artifacts.



HQV chips process pixels individually, for enhanced pixel accuracy.



Images scaled by Reon-VX contain 80% new pixels to augment the original video data.

Advanced Faroudja Video Processing with 1080p/1080i Upscaling

The Faroudja name is synonymous with high-quality video processing. The Faroudja technologies incorporated into our 2008 A/V receiver range give you the power to bring out the best from both high-definition and standard-definition video content. The Faroudja DCDi Edge™ video processor converts interlaced video signals to progressive scan signals and effectively eliminates video artifacts from HDTV images. The Faroudja DCDi Cinema™ video processor is a more sophisticated version that drastically reduces video noise without sacrificing image quality and sharpness. Both processors can scale standard-definition sources

up to 1080i—and DCDi Cinema can additionally upscale to 1080p—for output to HDTVs.



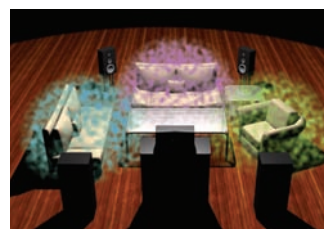
Jaggies visible on diagonals.



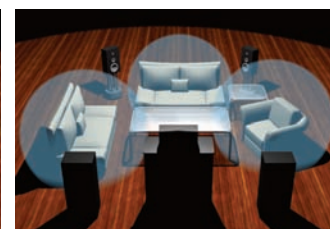
DCDi eliminates jaggies.

Audyssey Technologies for the Ideal Listening Environment

Onkyo A/V receivers (and controller) use Audyssey's MultEQ™ XT, MultEQ™, or 2EQ™ to counter distortion in dedicated home cinemas. All of these solutions focus on the frequency response and time domain (where most of the problems lie) across the entire listening area. The results are immediately obvious—a clear, well-balanced and natural sound. The 2008 A/V receiver (and controller) range features two new Audyssey technologies: (1) Dynamic EQ™, which selects the best frequency response and surround levels moment-by-moment, for the best listening experience at any volume; and (2) Dynamic Volume™, which maintains the desired listening level for all content while optimizing the dynamic range.



Sound stage is diffuse without Audyssey technologies.



Audyssey technologies create a clearer sound stage.

Network for Streaming Audio Files and Internet Radio

The TX-NR906's network capability gives you control over digital music files (AAC, WMA, MP3, WAV, OGG, FLAC) and internet radio, via an Ethernet network between the TX-NR906 and your computer. It also enables you to access music files from a USB mass storage device or a portable audio player, through a USB port. You can use a portal site—vTuner—to access internet radio, podcasts, and media content. At the heart of the network is Windows Media

Connect or Windows Media Player (the TX-NR906 is Certified for Windows Vista®).



Network Capability for Integrating Controllers

With the TX-NR906, it's possible to make a network connection with Crestron and AMX controllers, enabling control of integrated home cinema applications such as lighting and volume. Integrating the TX-NR906 into a sophisticated home cinema system becomes a precise, yet simple, process.

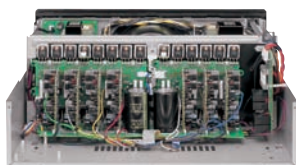
ISF Video Calibration for Accurate Video Reproduction

The TX-NR906, PR-SC886, and TX-SR876 are the first A/V components equipped with industry-leading ISF (Imaging Science Foundation) video calibration to dramatically improve your home cinema by enabling sharper-focused, fuller-resolution images and a more accurate color balance. Turning your A/V component into a true video hub, this function ensures that every video source is independently calibrated for your connected high-definition display. Also, ISF video calibration has been shown to improve energy savings in displays and projectors by up to 50%.



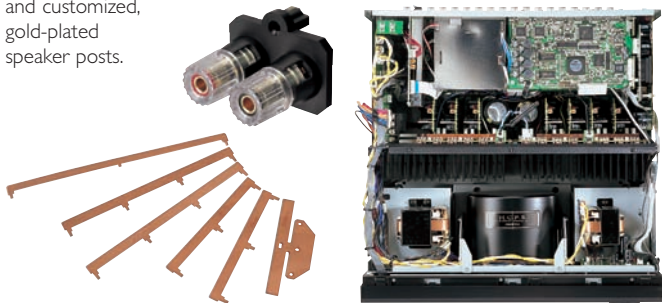
Parallel Push-Pull Amplification with Three-Stage Inverted Darlington Circuitry

Parallel push-pull amplification uses different transistors to separately amplify the positive and negative halves of the waveform, bringing greater efficiency to the TX-NR906 and TX-SR876. These select Onkyo A/V receivers use three-stage inverted Darlington circuitry to remove any instance of distortion.



A Fresh Approach to the Internal Construction of A/V Receivers

Our design philosophy for the TX-NR906 and TX-SR876 is based on a consideration of how each individual part interacts with the others and affects audio and video performance. The end result is a receiver where the power amplifier block and the pre-amplifier coexist, but are perfectly isolated. Taking it even further, the circuit boards have been affixed to the chassis so that vibrations from the base are suppressed. As Onkyo's flagship model for the high-definition era, the TX-NR906 forges further ahead with gold-plated A/V inputs and outputs, a brass bus plate for perfect grounding, and customized, gold-plated speaker posts.



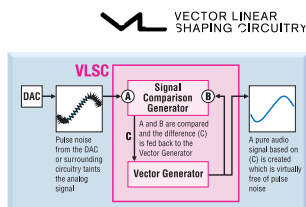
Harnessing Power for Audio Performance

Onkyo's H.C.P.S. (High Current Power Supply) concept is based around power transformers with the capability to respond to the wide dynamics of home cinema. In the case of the TX-NR906, a massive toroidal transformer improves power efficiency and radiates very little noise into the surrounding circuitry, while two separate transformers cater specifically to audio and video processing. You'll also find capacitors (operating at up to 18,000 microfarads) that store the charge necessary to support an effective power supply.



VLSC™ (Vector Linear Shaping Circuitry)

Onkyo's VLSC employs a unique digital-to-analog conversion circuit to mitigate the effect of signal noise. Data is converted between discrete sampling points, which are then joined with analog vectors in real-time to produce a smooth output wave form. The result—a noiseless, smooth analog signal based on the digital source.



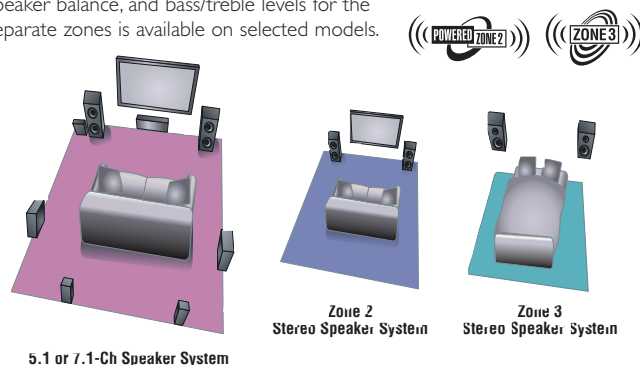
WRAT (Wide Range Amplifier Technology) Providing Amplification Backbone

The cornerstone of any Onkyo A/V receiver, WRAT supports high-quality audio reproduction of the latest high-definition A/V formats. It comprises three key components: (1) A low negative-feedback design for cleaner audio across the frequency range; (2) Closed ground-loop circuits to cancel individual circuit noise and keep the ground potential free of distortion; and (3) A high instantaneous-current capability to handle speaker reflex energy and impedance fluctuations.



Playback of Different A/V Sources Throughout the Home

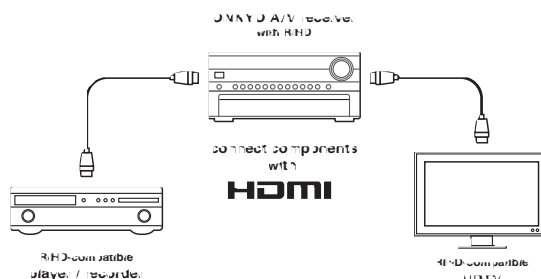
Powered Zone 2 and Zone 3 bring multi-zone audio entertainment to your home through dedicated line outs, pre outs, and speaker connections. And with the TX-NR906, PR-SC886, and TX-SR876, you have the added advantage of video in a second room. Independent control of volume levels, speaker balance, and bass/treble levels for the separate zones is available on selected models.



RIHD (Remote Interactive over HDMI) for System Control*

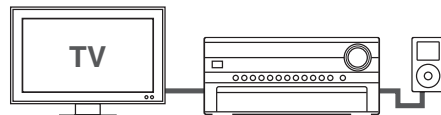
Select Onkyo A/V receivers (and controller) offer integrated system control with certain HDMI-compatible high-definition displays, DVD and hard-disk recorders, and Blu-ray Disc players. With one remote control, you can control certain functions, including Standby, Volume, and Direct Change. These components can seamlessly integrate with other leading brand-name devices, including those with Panasonic VIERA Link™ and Toshiba REGZA LINK™ capability, as well as selected Sharp displays.

*Compatibility depends on model.



RI (Remote Interactive) System Capability and the iPod

With Onkyo's RI system, you can integrate and operate all RI-compatible components through a single remote control. RI also enables you to integrate virtually any iPod model via one of Onkyo's RI Docks for the iPod.

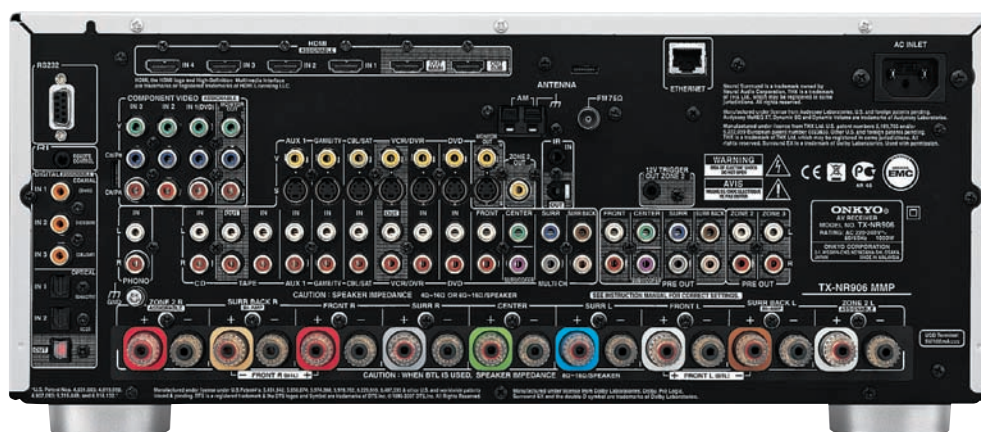


iPod integrated for easy system control.





The lesser-used controls are neatly tucked away behind the drop-down panel.



Microphone for Audyssey

TX-NR906

THX® Ultra2 Plus™ Certified 7.1-Channel A/V Home Network Receiver



Multi-dimensional, superbly crafted, and loaded with impressive specs, the TX-NR906 A/V home network receiver is a true champion for the age. With seemingly endless ability—including HQV Reon-VX video processing, dual high-def HDMI outputs, Audyssey room correction technologies, and multi-room audio and video distribution—no base is left uncovered. Built around an isolated power block and pre-processing design, this network receiver reveals the potential of virtually any media. This includes any internet or computer-based sources accessed via its network capabilities (which include a new vTuner interface and Certified for Windows Vista® status). The TX-NR906 is also the first of its kind to include ISF (Imaging Science Foundation) video calibration, keeping its groundbreaking pedigree intact.

- 220 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, IEC
- THX Ultra2 Plus Certified
- Network Capability for Streaming Audio Files and Internet Radio
- Network Capability for Installing Crestron and AMX Controllers
- Certified for Windows Vista
- USB Port for a USB Mass Storage Device (Audio Only)
- DTS-HD Master Audio™, DTS-HD High Resolution Audio™, Dolby® TrueHD, Dolby® Digital Plus Decoding
- VLSC (Vector Linear Shaping Circuitry) for All Channels
- Burr-Brown 192 kHz/24-Bit Audio DACs (PCM1796) for All Channels
- HDMI™ (Version 1.3a to Support Deep Color™, x.v. Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Audio and Video Processing (1080p; 4 Inputs and 2 Outputs [Main/Sub])
- HDMI Video Upscaling (Up to 1080p) with HQV Reon-VX
- Component Video Upscaling (Up to 1080i)
- Component Video Switching (3 Inputs and 1 Output)
- RIHD (Remote Interactive Over HDMI) for System Control
- Parallel Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry
- WRAT (Wide Range Amplifier Technology)
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ™ XT to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- Audyssey Dynamic Volume™ for Optimal Listening Level and Dynamic Range
- Powered Zone 2 (Audio and Video); Zone 2 and Zone 3 Pre Outs; Independent Control for Volume, Balance (Zone 2 and Zone 3) and Bass/Treble (Zone 2 Only)
- RS232, IR, and 12V Trigger Connectivity
- IntelliVolume
- Pure Audio Mode
- Bi-Amping and BTL (Bridged Transless) Capability for Music and Movie Sound Effects
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- ISF (Imaging Science Foundation) Video Calibration Function
- Independent Crossover Adjustment for F/C/S/SB (40/50/60/70/80/90/100/120/150/200 Hz)
- Newly Designed GUI for System Set-up
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Learning Remote Control with Macros and Mode-Key LEDs



The lesser-used controls are neatly tucked away behind the drop-down panel.



Microphone for Audyssey

PR-SC886

THX® Ultra2 Plus™ Certified 7.1-Channel A/V Controller



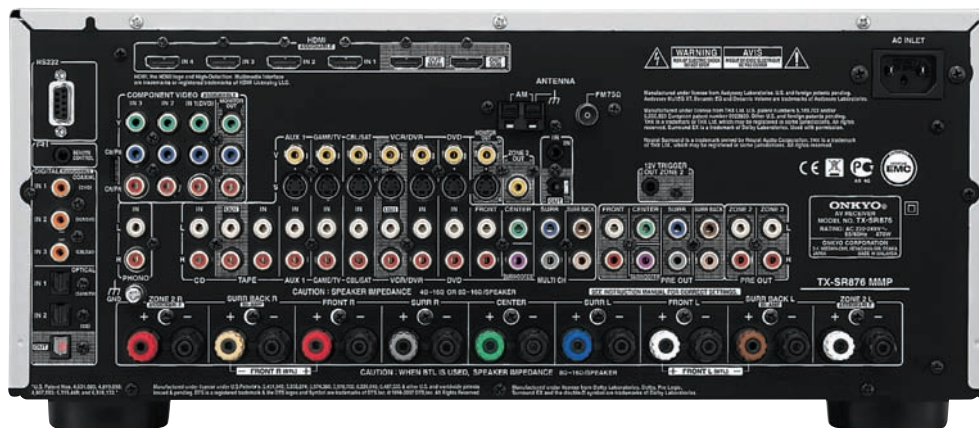
The PR-SC886 delivers state-of-the-art features and performance for the most technically sophisticated home cinemas. Designed to connect to high-end amplifiers, this A/V controller includes full high-definition processing capability over HDMI, comprehensive 1080p/1080i upscaling of video sources via HQV Reon-VX, and a wide array of connection options. It's also the first A/V controller to feature built-in ISF (Image Science Foundation) video calibration along with Onkyo's RIHD (Remote Interactive over HDMI) system integration and control protocol. The PR-SC886 supports multi-room set-ups, including the option of component and composite video outputs in the second zone and subwoofer pre outs for the second and third zones.

- THX Ultra2 Plus Certified
- DTS-HD Master Audio™, DTS-HD High Resolution Audio™, Dolby® TrueHD, Dolby® Digital Plus Decoding
- HDMI™ (Version 1.3a to Support Deep Color™, x.v.Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Video Upscaling (Up to 1080p) with HQV Reon-VX
- HDMI Audio and Video Processing (4 Inputs and 2 Outputs [Main/Sub])
- Component Video Upscaling (Up to 1080i)
- Toroidal Transformer and Two Separate Transformers for Audio and Video Processing
- Burr-Brown 192 kHz/24-Bit Audio DACs (PCM1796) for All Channels
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ™ XT* to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- Audyssey Dynamic Volume™ for Optimal Listening Level and Dynamic Range
- VLSC (Vector Linear Shaping Circuitry)
- Zone 2 and Zone 3 Pre Outs; Independent Control for Volume, Balance (Zone 2 and Zone 3) and Bass/Treble (Zone 2 Only)
- Component and Composite Video Outputs for Zone 2; Subwoofer Pre Outs for Zone 2 and Zone 3
- ISF (Image Science Foundation) Video Calibration Function
- RIHD (Remote Interactive Over HDMI) for System Control
- 7.1-Channel Balanced Line-Level XLR Pre Outs (with Front Bi-Amping Capability)
- 2-Channel Balanced XLR Audio Inputs
- Linear Optimum Gain Volume Circuitry
- Dual IR Inputs with Common Output
- 12V Triggers (A, B, and C) with Adjustable Delay
- Bi-Directional Ethernet Port for Installing Crestron and AMX Controllers
- RS232 Port
- Newly Designed GUI for System Set-up
- Preprogrammed RI (Remote Interactive) Learning Remote Control with Macros and Mode-Key LEDs

*Compatible with MultEQ Pro Software application and Audyssey Installer Kit



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Microphone for Audyssey

TX-SR876

THX® Ultra2 Plus™ Certified 7.1-Channel A/V Surround Home Cinema Receiver

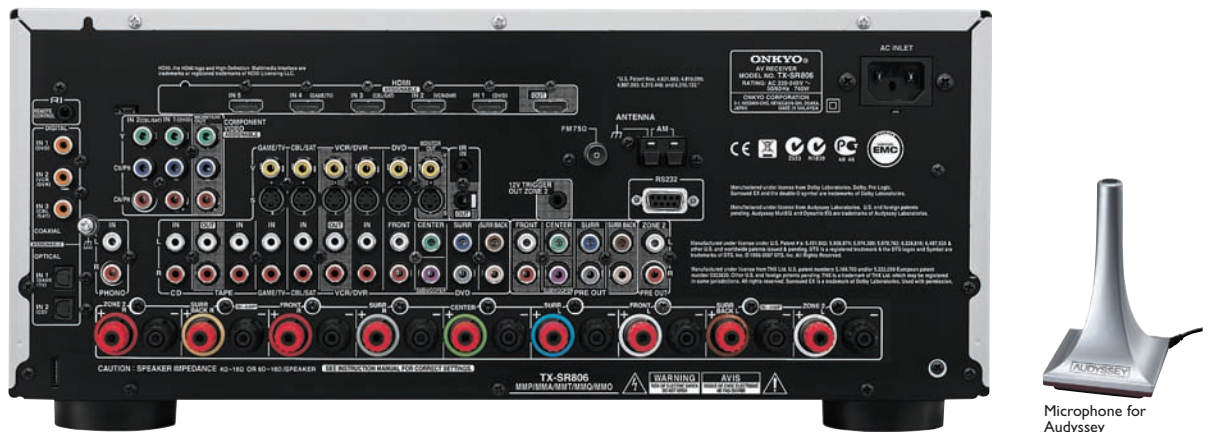


Based on a winning design for high-definition home cinema reproduction, the TX-SR876 is a comprehensive A/V processing hub with a deep reservoir of amplification power to draw on. Reveling in its new THX Ultra2 Plus Certified status, the TX-SR876's obvious class is seen in its wide-sweeping capabilities, phenomenal performance, and noticeable finesse. With its exclusive HQV Reon-VX video processing (with upscaling to high-def 1080p) and supreme high-definition surround sound decoding, this receiver shows it belongs among a select few. It's also the one of the first to take up ISF (Imaging Science Foundation) video calibration. From whatever movie, music, broadcast, or gaming source you choose, the TX-SR876 will impress time and time again.

- 200 W/Ch, 6 Ω , 1 kHz, 1 Channel Driven, IEC
- THX Ultra2 Plus Certified
- Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, DTS-HD High-Resolution Audio™ Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- VLSC (Vector Linear Shaping Circuitry) for All Channels
- Burr-Brown 192 kHz/24-Bit Audio DACs (PCM1796) for All Channels
- HDMI™ (Version 1.3a to Support Deep Color™, x.v. Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Audio and Video Processing (1080p; 4 Inputs and 2 Outputs [Main/Sub])
- HDMI Video Upscaling (Up to 1080p) with HQV Reon-VX
- Component Video Upscaling (Up to 1080i)
- Component Video Switching (3 Inputs and 1 Output)
- RIHD (Remote Interactive over HDMI) for System Control
- Parallel Push-Pull Amplifier Design with Three-Stage Inverted Darlington Circuitry
- WRAT (Wide Range Amplifier Technology)
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ™ XT to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- Audyssey Dynamic Volume™ to Maintain Optimal Listening Level and Dynamic Range
- Powered Zone 2 (Audio and Video); Zone 2 and Zone 3 Pre-Outs; Independent Control for Volume, Balance (Zone 2 and Zone 3) and Bass/Treble (Zone 2 Only)
- RS232, IR, and 12V Trigger Connectivity
- IntelliVolume
- Pure Audio Mode
- Bi-Amping and BTL (Bridged Transless) Capability for Music and Movie Sound Effects
- Linear Optimum Gain Volume Circuitry
- Music Optimizer for Compressed Music Files
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- ISF (Imaging Science Foundation) Video Calibration Function
- Independent Crossover Adjustment for F/C/S/SB (40/50/60/70/80/90/100/120/150/200 Hz)
- Newly Designed GUI for System Set-up
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Remote Control with Macros and Mode-Key LEDs



The lesser-used controls are neatly tucked away behind the drop-down panel.



Microphone for Audyssey

TX-SR806

THX® Ultra2 Plus™ Certified 7.1-Channel A/V Surround Home Cinema Receiver

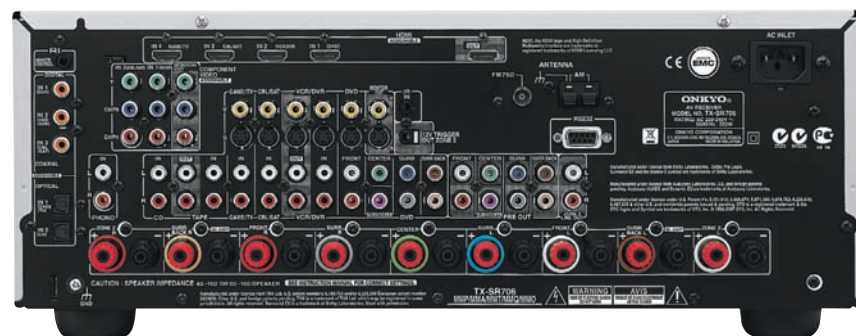


The TX-SR806 occupies a unique position in the Onkyo line-up. We class it as a mid-range A/V receiver. But with its advanced capabilities and THX Ultra2 Plus certification, it's a worthy challenger for high-end status. Built with high-definition entertainment in mind, the TX-SR806 accommodates up to five HDMI inputs that can handle both 1080p video and studio master-quality surround sound. That's more high-def sources than you'll find on any other Onkyo A/V receiver. If that weren't enough, onboard Faroudja DCDi Cinema scales all standard definition sources to 1080p for HDMI output, or to 1080i for component video output. Endowed with the amplification power and dependability expected from an Onkyo A/V receiver, the TX-SR806 stands out as a natural choice for high-performance home cinema.

- 180 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, IEC
- THX Ultra2 Plus Certified
- Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, DTS-HD High-Resolution Audio™ Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Cirrus Logic 192 kHz/24-Bit Audio DACs for All Channels
- HDMI™ (Version 1.3a to Support Deep Color™, x.v. Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Audio and Video Processing (1080p; 5 Inputs and 1 Output)
- HDMI Video Upscaling (Up to 1080p) with Faroudja DCDi Cinema™
- Component Video Upscaling (Up to 1080i)
- Component Video Switching (2 Inputs and 1 Output)
- RIHD (Remote Interactive over HDMI) for System Control
- Push-Pull Amplifier Design with Three-Stage Inverted Darlington Circuitry
- WRAT (Wide Range Amplifier Technology)
- Two TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ™ to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- Powered Zone 2 and Zone 2 Pre-Out; Independent Control for Volume, Balance, and Bass/Treble
- RS232, IR, and 12V Trigger Connectivity
- IntelliVolume
- Pure Audio Mode
- Bi-Amping Capability for Music and Movie Sound Effects
- Optimum Gain Volume Circuitry
- Music Optimizer for Compressed Music Files
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- Independent Crossover Adjustment for F/C/S/B (40/50/60/70/80/90/100/120/150/200 Hz)
- Newly Designed GUI for System Set-up
- Compatible with RI (Remote Interactive) Dock for the iPod
- Newly Designed Preprogrammed RI (Remote Interactive) Remote Control with Macros and Mode-Key LEDs

TX-SR706 THX® Select2 Plus™ Certified 7.1-Channel AV Surround Home Cinema Receiver

- 160 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, IEC
- THX Select2 Plus Certified
- Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, DTS-HD High-Resolution Audio™ Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Cirrus Logic 192 kHz/24-Bit Audio DACs for All Channels
- HDMI™ (Version 1.3a to Support Deep Color™, x.v. Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Audio and Video Processing (1080p; 4 Inputs and 1 Output)
- HDMI Video Upscaling (Up to 1080p) with Faroudja DCDi Cinema™
- RIHD (Remote Interactive over HDMI) for System Control
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- Push-Pull Amplifier Design with Three-Stage Inverted Darlington Circuitry
- WRAT (Wide Range Amplifier Technology)
- Two TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ™ to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- 6 Digital Inputs (3 Optical and 3 Coaxial)
- Powered Zone 2 and Zone 2 Line-Out for Playback in Another Room
- RS232, IR, and 12V Trigger Connectivity
- IntelliVolume
- Pure Audio Mode
- Bi-Amping Capability for Music and Movie Sound Effects
- Optimum Gain Volume Circuitry
- Music Optimizer for Compressed Music Files
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- Independent Crossover Adjustment for F/C/S/B (40/50/60/70/80/90/100/120/150/200 Hz)
- A/V Synchronization Function (Up to 250 ms in 5 ms Steps)
- 40 FM/AM Radio Presets with RDS (PS/RT/PTY/TP)
- Newly Designed GUI for System Set-up
- Compatible with RI (Remote Interactive) Dock for the iPod
- Newly Designed Preprogrammed RI (Remote Interactive) Remote Control with Macros and Mode-Key LEDs



Microphone for Audyssey



(July Issue 2008)

TX-SR606 7.1-Channel AV Surround Home Cinema Receiver

- 140 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, IEC
- Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, DTS-HD High-Resolution Audio™ Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit Audio DACs for All Channels
- HDMI™ (Version 1.3a to Support Deep Color™, x.v. Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Audio and Video Processing (1080p; 4 Inputs and 1 Output)
- HDMI Video Upscaling (Up to 1080i) with Faroudja DCDi Edge™*
- RIHD (Remote Interactive over HDMI) for System Control
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- WRAT (Wide Range Amplifier Technology)
- Advanced TI (Aureus™) 32-Bit Processing DSP Chip
- Audyssey 2EQ™ to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- 4 Digital Inputs (2 Optical and 2 Coaxial)
- CinemaFILTER™
- Pure Audio Mode
- Powered Zone 2 and Zone 2 Line-Out for Playback in Another Room
- IntelliVolume
- Bi-Amping Capability for Music and Movie Sound Effects
- Optimum Gain Volume Circuitry
- Music Optimizer for Compressed Music Files
- Independent Crossover Adjustment for F/C/S/B (40/50/60/80/100/120/150/200 Hz)
- A/V Synchronization Function (Up to 100 ms in 10 ms Steps)
- 40 FM/AM Radio Presets with RDS (PS/RT/PTY/TP)
- Newly Designed GUI for System Set-up
- Theater-Dimensional Virtual Surround Function
- Color-Coded 7.1-Multichannel Inputs
- Compatible with RI (Remote Interactive) Dock for the iPod
- Newly Designed Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs



Microphone for Audyssey

*From component video, S-Video, and composite video inputs via HDMI output

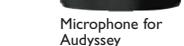
TX-SR576 7.1-Channel AV Surround Home Cinema Receiver

- 130 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, IEC
- Dolby® Digital Plus Decoding (including Dolby® Digital EX™ and Dolby® Pro Logic® IIx)
- DTS-ES™ Discrete/Matrix, DTS Neo:6®, DTS 96/24™ Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit Audio DACs for All Channels
- HDMI™ (Version 1.3a to Support x.v. Color™, Dolby Digital Plus, LipSync, and CEC)
- HDMI Video Switching (1080p) and Audio Processing (3 Inputs and 1 Output)
- RIHD (Remote Interactive over HDMI) for System Control
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- WRAT (Wide Range Amplifier Technology)
- Advanced TI (Aureus™) 32-Bit Processing DSP Chip
- Audyssey 2EQ™ to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- 4 Digital Inputs (2 Optical and 2 Coaxial)
- 3 S-Video Inputs and 2 Outputs
- Subwoofer Pre Out
- CinemaFILTER™
- Pure Audio Mode
- Powered Zone 2 and Zone 2 Line-Out for Playback in Another Room
- Bi-Amping Capability for Music and Movie Sound Effects
- Optimum Gain Volume Circuitry
- Music Optimizer for Compressed Music Files
- Theater-Dimensional Virtual Surround Function
- Tone Control (Bass/Treble) for Front L/R Channels
- Double Bass Function
- Color-Coded 7.1-Multichannel Inputs
- Color-Coded Banana Plug-Compatible Speaker Posts (Except Zone 2)
- Crossover Adjustment at 40/50/60/80/100/120/150/200 Hz for Bass Management
- A/V Synchronization Function (Up to 100 ms in 20 ms Steps)
- 40 FM/AM Radio Presets with RDS (PS/RT/PTY/TP)
- Compatible with RI (Remote Interactive) Dock for the iPod
- Newly Designed Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs



TX-SR506 7.1-Channel AV Surround Home Cinema Receiver

- 130 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, IEC
- DTS-ES™ Discrete/Matrix, DTS Neo:6®, DTS 96/24™, Dolby® Digital EX™, Dolby® Pro Logic® IIx Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit Audio DACs for All Channels
- HDMI™ Pass-Thru* (1080p Compatible; 3 Inputs and 1 Output)
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- WRAT (Wide Range Amplifier Technology)
- Advanced TI (Aureus™) 32-Bit Processing DSP Chip
- Audyssey 2EQ™ to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- 4 Digital Inputs (2 Optical and 2 Coaxial)
- 3 S-Video Inputs and 2 Outputs
- Subwoofer Pre Out
- CinemaFILTER™
- Pure Audio Mode
- Powered Zone 2 and Zone 2 Line-Out for Playback in Another Room
- Bi-Amping Capability for Music and Movie Sound Effects
- A-Form Listening Mode Memory
- Optimum Gain Volume Circuitry
- Music Optimizer for Compressed Music Files
- Theater-Dimensional Virtual Surround Function
- Tone Control (Bass/Treble) for Front L/R Channels
- Double Bass Function
- Color-Coded 7.1-Multichannel Inputs (Receive 7.1 Surround Sound from Compatible Blu-ray Disc Players)
- Color-Coded Banana Plug-Compatible Speaker Posts (Except Zone 2)
- Crossover Adjustment at 40/50/60/80/100/120/150/200 Hz for Bass Management
- A/V Synchronization Function (Up to 100 ms in 20 ms Steps)
- 40 FM/AM Radio Presets with RDS (PS/RT/PTY/TP)
- Compatible with RI (Remote Interactive) Dock for the iPod
- Newly Designed Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs



*A separate audio connection is necessary to process multichannel audio.



HT-S9100THX

THX® Integrated System Certified 7.1-Channel A/V Surround Home Theatre Receiver/Speaker Package

HT-R960 7.1-Channel A/V Surround Home Theatre Receiver

- 130 W/Ch, 6 Ω , 1 kHz, 1 channel driven, IEC • THX Integrated System Certified (with THX Surround EX, THX I/S Cinema, and THX Music) • DTS-HD Master Audio™ and Dolby® TrueHD Decoding • H.C.P.S. (High Current Power Supply) massive high power transformer • 192 kHz/24-bit audio DACs for all channels • HDMI™ to support Deep Color™, x.v. Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD • HDMI audio and video processing (1080p; 4 inputs and 1 output) • RIHD (Remote Interactive over HDMI) for system control • HDMI video upscaling (to 1080i) with Faroudja DCDi Edge* • HDTV-capable (720p/1080i) component video switching (2 inputs and 1 output) • WRAT (Wide Range Amplifier Technology) • Audyssey 2EQ™ to correct room acoustic problems and to calibrate speakers • Audyssey Dynamic EQ™ for loudness correction • 4 digital inputs (2 optical and 2 coaxial) • IntelliVolume • A-Form listening mode memory • Optimum Gain Volume Circuitry • 32-bit processing DSP chip • Non-scaling configuration • Music Optimizer for compressed music files • Color-coded 7.1 multichannel inputs • Speaker A/B drive • Color-coded banana plug-compatible speaker posts (except speaker B) • Crossover adjustment (40/50/60/80/100/120/150/

200 Hz) • A/V sync control function (up to 100 ms in 20 ms steps) • 40 FM/AM radio presets with RDS • Compatible with RI Dock for the iPod • Preprogrammed RI (Remote Interactive) remote control

*From component video, S-Video, and composite video inputs via HDMI output



HTP-960 7.1-Channel Home Theatre Speaker System

A-OMF

SKF-960F 2-Way Acoustic-Suspension Front Speakers

- 12 cm A-OMF diaphragm woofer x 2 • 2.5 cm soft-dome tweeter • Magnetically shielded • Impedance: 8 Ω • Frequency response: 50 Hz–45 kHz • Max. input power: 130 W • WHD: 158 x 433 x 199 mm • 5.3 kg

A-OMF

SKC-960C 2-Way Acoustic-Suspension Center Speaker

- 12 cm A-OMF diaphragm woofer x 2 • 2.5 cm soft-dome tweeter • Magnetically shielded • Impedance: 8 Ω • Frequency response: 50 Hz–45 kHz • Max. input power: 130 W • WHD: 433 x 158 x 199 mm • 5.3 kg

A-OMF

SKM-960S/SKB-960 2-Way Acoustic-Suspension Surround/ Surround Back Speakers

- 13 cm A-OMF diaphragm woofer • 2.5 cm soft-dome tweeter • Impedance: 8 Ω • Frequency response: 50 Hz–45 kHz • Max. input power: 130 W • WHD: 200 x 275 x 169 mm • 3.5 kg

SKW-960 Acoustic-Suspension Powered Subwoofer

- Built-in 290 W amplifier • Auto-standby/On circuitry • Output level control • 30 cm cone woofer • Frequency response: 20 Hz–100 Hz • WHD: 380 x 444 x 429 mm • 15.5 kg

HT-S5105 5.1-Channel Home Cinema Receiver/Speaker Package

SILVER BLACK



HT-R518 5.1-Channel A/V Surround Home Cinema Receiver

- 130 W/Ch, 8 Ω , 1 kHz, 1 channel driven, IEC • DTS Neo:6® 5.1, DTS 96/24™, Dolby® Pro Logic® II • HDMI™ pass-thru* (1080p compatible; 3 inputs and 1 output) • HDMI and component video (720p/1080i; 2 inputs and 1 output) switching • 4 digital inputs (2 optical and 2 coaxial) • 3 S-Video inputs and 2 outputs • 4 composite video inputs and 2 outputs • 4 A/V inputs and 1 output • 2 audio inputs and 1 output • Audyssey 2EQ™ to correct room acoustic problems and to calibrate speakers • Audyssey Dynamic EQ™ for loudness correction • H.C.P.S. (High Current Power Supply) massive high power transformer • 192 kHz/24-bit audio DACs for all channels • WRAT (Wide Range Amplifier Technology) • Advanced 32-bit processing DSP chip • Subwoofer pre out • CinemaFILTER™ • A-Form listening mode memory • Optimum Gain Volume Circuitry • Music Optimizer for compressed music files • Theater-Dimensional virtual surround function • Double bass function • Color-coded 5.1-multichannel inputs (receive 5.1 surround sound from compatible Blu-ray Disc players) • Banana plug-compatible speaker posts • Crossover adjustment at 40/50/60/80/100/120/150/200 Hz for bass management • A/V synchronization function (up to 100 ms in 20 ms steps) • 40 FM/AM radio presets • RDS (RT/PTY/TP/PS) • Compatible with RI (Remote Interactive) Dock for the iPod • Front panel auxiliary input (for camcorders, game consoles, etc.) • Newly designed preprogrammed RI (Remote Interactive) remote control with mode-key LEDs

*A separate audio connection is necessary to process multichannel audio.

HTP-518 5.1-Channel Home Cinema Speaker System

SKF-518F 2-Way Bass Reflex Front Speakers

- 8 cm cone woofer • 2.5 cm balanced dome tweeter • Max. input power: 130 W • Magnetically shielded • WHD: 101 x 273 x 121 mm • 1.1 kg

SKC-518C 2-Way Bass Reflex Center Speaker

- 8 cm cone woofer • 2.5 cm balanced dome tweeter • Max. input power: 130 W • Magnetically shielded • WHD: 273 x 101 x 106 mm • 1.1 kg

SKM-518S Full-Range Bass Reflex Surround Speakers

- 8 cm cone • Max. input power: 130 W • WHD: 101 x 175 x 116 mm • 0.7 kg

Note: All speakers are gloss finished. They also feature an impedance of 8 Ω , color-coded speaker terminals and cable, and wall-mounting capability.

SKW-518 Bass Reflex Powered Subwoofer

- 20 cm cone • Max. power: 90 W • Down-firing • Output level control • WHD: 230 x 425 x 383 mm • 9.4 kg



Microphone for Audyssey

DV-BD606 Blu-ray Disc Player



(Illustration)



As the perfect complement for Onkyo's high definition-compatible A/V receiver range, the DV-BD606 Blu-ray Disc player is a welcome addition to the Onkyo line-up. This player gives you the full splendor of high-def 1080p video from any Blu-ray Disc title. It will also send Dolby® True HD or DTS-HD Master Audio™ surround sound—with the same quality as that mixed in the studio—to your compatible Onkyo A/V receiver. With 1080p scaling, the DV-BD606 will take your DVD videos and DivX video files into the high-def realm, and you can also use this player for music from CDs and MP3s.

- Plays Blu-ray Disc, DVD Video, Audio CD, CD-R/RW, DVD-R/RW, DVD+R/RW, DVD-R DL, DVD+R DL^{*1}
- Plays DivX, MP3, JPEG Formats
- HDMI™ Digital Output
- Full High-Definition 1080p Video Resolution (at 24 fps)
- Delivers a Pure Bit Data Stream From Dolby® TrueHD and DTS-HD Master Audio™ Codes
- Supports Deep Color™
- 1080p Upscaling of All Standard-Definition DVD Sources

- SD Card Slot for Media Content
- Bonus View for Picture-in-Picture Video and Audio^{*2}
- User-Friendly Onscreen Display (OSD)
- Disc Playback Modes: A-B Repeat, Angle, Disc Menu, Pause, Repeat, Resume Playback from Stop, Skip, Search Forward/Reverse, Slow Forward, Standard Play
- Full-Function Remote Control

^{*1} Discs that have not been properly finalized may only be partially playable or not playable at all

^{*2} An SD card with at least 256 MB capacity is required

DV-SP506 1080p Upscaling Super Audio CD and DVD Audio/Video Player



- DTS Digital Surround® and Dolby® Digital
- Plays DVD Video, Super Audio CD, DVD Audio, Audio CD, CD-R/RW, DVD-R/RW, DVD+R/RW, DVD-R DL, DVD+R DL^{*1}
- Plays MP3, WMA, DivX®, and JPEG Formats (with HD JPEG Resolution via HDMI)
- HDMI™ Digital Interface
- 5.1 PCM Multichannel Audio Output and Direct Stream Digital (DSD) via HDMI
- 1080p Video Upscaling (via HDMI Output)
- VLSC (Vector Linear Shaping Circuitry)
- 108 MHz/14-Bit Video DAC
- Three Burr-Brown 192 kHz/24-Bit Audio DACs
- RIHD (Remote Interactive over HDMI) for System Integration
- Disc Navigator for Browsing Video and Audio Content (Including MP3, WMA, DivX Video, and JPEG)
- Simultaneous Output from All Video Connections^{*2}
- 480i Video Output for Processing by Advanced Scaling Devices
- Component (480i/480p), S-Video, and Composite (480i) Video Outputs

- A/V Connector (SCART)
- Coaxial and Optical Digital Outputs
- Elastomer Base for Disc Drive to Protect Internal Circuitry from Vibrations
- Onscreen Display (English, French, Spanish, German, Italian, Japanese)
- RI (Remote Interactive) Remote Control

^{*1} Discs that have not been properly finalized may only be partially playable or not playable at all.

^{*2} Depending on setting.

DV-SP406 1080p Upscaling DVD/CD/MP3 Player



- DTS Digital Out® and Dolby® Digital
- Plays DVD Video, Video CD, DualDisc (Not DVD-Audio), Audio CD, CD-R/RW, DVD-R/RW, DVD+R/RW^{*}
- Plays MP3, WMA, DivX®, and JPEG Formats
- HDMI™ Digital Interface
- 1080p Video Upscaling (via HDMI Output)
- Front-Panel USB Port (for MP3, WMA, DivX, and JPEG Files)
- Component and Composite Video Outputs
- A/V Connector (SCART)
- 108 MHz/14-Bit Video DAC
- 192 kHz/24-Bit Audio DAC
- Disc Navigator for Browsing Video and Audio Content (Including MP3, WMA, DivX Video, and JPEG)
- Coaxial and Optical Digital Outputs

- Onscreen Display (English, French, Spanish, German, Italian, Portuguese, Dutch, Polish, Russian, Hungarian, Czech, Swedish, Turkish)
- Full-Function Remote Control

^{*} Discs that have not been properly finalized may only be partially playable or not playable at all.





DR-S501(B), HTP-501(B)

Cinematic Brilliance, Terrific Musicality, Undeniable Style

LS-V501 DVD Receiver/Speaker Package

The LS-V501 is shaping up as one of those classic Onkyo A/V systems that blend A/V perfection with style and sublime construction. With obvious leanings towards HD entertainment, the LS-V501 sports HDMI™ connectivity for the latest plasma and LCD displays. Working from a 2-channel set-up, this package provides “channeled sound” movie entertainment from DVDs and DivX®. On another front, it gives you a stack of music options, from MP3s right through to the audiophile quality of DVD Audio and Super Audio CD. The accompanying speakers are sized for placement in a variety of set-ups, while the gloss-finished subwoofer adds to the LS-V501’s overall chic.



DR-S501(B), HTP-501(B)

DR-S501 **BLACK**

2.1-Channel DVD Receiver

- 50 W/Ch, 6 Ω , 1 kHz, IEC
- Plays DVD-Audio and Video, Video CD, Super Audio CD, PCM Audio CD, DVD-R/RW, DVD+R/RW, DVD-R/RW DL, DVD+R/RW DL, CD-R/RW, DivX®-Encoded Discs, MP3-Encoded Discs, WMA-Encoded Discs, and JPEG-Encoded CDs*
- DTS Digital Surround®, DTS 96/24™, Dolby® Digital
- WRAT (Wide Range Amplifier Technology)
- Discrete Output Stage Circuitry
- HDMI™ Pass-Thru (1080i Compatible; 1 Input and 1 Output)
- Component Video Output
- 2 A/V Inputs
- Pure/Direct Modes
- 2 Digital Inputs (1 Optical and 1 Coaxial)
- Subwoofer Pre Out
- 192 kHz/24-Bit Audio DAC
- 108 MHz/14-Bit Video DAC
- Progressive Scan Video Output
- DVD Onscreen Set-Up
- Theater-Dimensional Virtual Surround Function
- 40 FM/AM Radio Presets
- Compatible with RI (Remote Interactive) Dock for the iPod
- RI (Remote Interactive) Remote Control

*Discs that have not been properly finalised may only be partially playable or not playable at all.



HTP-501 **BLACK**

2.1-Channel Speaker System

SKF-501F

2-Way Acoustic Suspension Front Speakers

- 8 cm cone woofer x 2 • 2.5 cm balanced-dome tweeter • Magnetically shielded • Wall-mounting capability • Frequency response: 60 Hz–50 kHz • Max. input power: 120 W • WHD: 140 x 355 x 93 mm (without stand), 178 x 405 x 145 mm (with stand) • 1.8 kg (without stand), 2.6 kg (with stand)

SKW-501

Bass Reflex Powered Subwoofer

- 20 cm cone woofer • Auto standby/On circuitry
- Max. output power: 150 W • Output level control
- Line-level input • Frequency response: 27 Hz–150 Hz
- WHD: 230 x 425 x 412 mm • 9.1 kg



AS-240(B) Optional Speaker Stands

- Compatible with SKF-501F front speakers • Hidden cable management • Durable anodized aluminum finish
- WHD: 270 x 1100 x 270 mm • 5.3 kg



Bringing Form, Function, Innovation, and Versatility to Home Audio

HTX-22HD Home Cinema Package

Every now and then, a home entertainment solution comes along that stands out for its functional perfection. So it is with the HTX-22HD Home Cinema Package, which packs amplification, processing, and bass capabilities into a robust cabinet with two connecting front speakers. The HTX-22HD couldn't be more technologically sound, with high-definition, bit-for-bit audio processing and the world's first implementation of DTS Surround Sensation. This gives it enough subtlety and muscle for a range of environments—from cosy inner-city apartments to expansive living rooms. It's even possible to use an optional center/surround package to replicate a full 5.1-channel home cinema system. For home cinema, gaming and high-quality music, the HTX-22HD employs Onkyo's proprietary VLSC (Vector Linear Shaping Circuitry) in the front channels for a foundation that performs with power and panache.



DTS SURROUND SENSATION®



This codec creates a 5.1 surround sound experience from 2.1 channels. By creating center and rear channels, this codec enables a fully immersive audio experience from DVD movies or concerts. It incorporates an algorithm—called Soundstage Expansion—that broadens the soundstage and creates a phantom center channel for improved clarity and audio crispness.



DTS Surround Sensation turned on.



DTS Surround Sensation turned off.

5.1-Channel Amplifier with Built-in Subwoofer

- 25 W/Ch (FL/FR/C/SR/SR) 6 Ω , 1 kHz; 50 W (subwoofer) 3 Ω , 100 Hz • HDMI™ (2 inputs and 1 output) • HDMI (Version 1.3a to support 1080p video, Deep Color™, x.v.Color™, Lip Sync, DTS-HD Master Audio™, DTS-HD High Resolution Audio™, Dolby® TrueHD, Dolby® Digital Plus, Super Audio CD, and multichannel PCM)
- RIHD (Remote Interactive over HDMI) for system integration • Dolby TrueHD, Dolby Digital Plus, DTS-HD Master Audio, DTS-HD High-Resolution Audio decoding • DTS Surround Sensation processing • VLSC (Vector Linear Shaping Circuitry) for front channels • 192 kHz/24-bit DAC • Advanced 32-bit processing DSP chip

- Audyssey 2EQ™ to correct room acoustic problems and to calibrate speakers • Audyssey Dynamic EQ™ for loudness correction • 3 digital inputs (2 optical and 1 coaxial) • Direct mode • Music Optimizer for compressed music files • Theater-Dimensional virtual surround function • 2 analog audio inputs (line 1 and line 2) • Surround back pre out • Compatible with RI (Remote Interactive) Dock for the iPod • Remote control • 16-cm OMF diaphragm subwoofer

Front Speakers

- 2-way acoustic suspension • 8 cm A-OMF diaphragm woofer • 2 cm balanced-dome tweeter • Wall-mounting capability • Rounded cabinet • Max. input power: 40 W • Magnetically shielded

OPTIONAL SKS-11

2-Way Acoustic Suspension Center/Surround Speaker Package

D-11C Center Speaker

A-OMF

- 8 cm A-OMF diaphragm woofer x 2 • 2 cm balanced-dome tweeter • Wall-mounting capability • Rounded cabinet • Max. input power: 40 W • Magnetically shielded

D-11M Surround Speakers

A-OMF

- 8 cm A-OMF diaphragm woofer • 2 cm balanced-dome tweeter • Wall-mounting capability • Rounded cabinet • Max. input power: 40 W • Magnetically shielded



HDMI **dts-hd Master Audio** **DOLBY TRUEHD** **dts Surround Sensation Speaker** **AUDYSSEY 2EQ DYNAMIC EQ** **VECTOR LINEAR SHAPING CIRCUITRY** **Theater-Dimensional**

RIHD **A-OMF** **RI**



BR-925UKD, D-N10BX (Optional)

80 GB of Digital Music, Direct iPod Connectivity, and DAB

The BR-925UKD takes Onkyo's prowess with compact audio receivers in a new direction. It's the only CD/HDD receiver in our range to pack 80 GB of hard disk memory for all your CD, DAB sources, MP3, WMA, and WAV files. It can also connect directly to an iPod for playback of audio and music files. With a distinctively Onkyo flavor—witness the VLSC circuitry to bring the best from digital sources—the BR-925UKD excels in music reproduction. Drawing on Audyssey technologies for equalization and loudness correction, this receiver sounds flawless no matter what the volume and no matter where you set it up.



BR-925UKD, D-N10BX (Optional)

BR-925UKD/D-N10BX CD/HDD Receiver with Optional Speakers

BR-925UKD **BLACK** CD/HDD Receiver

- 26 W/Ch, 4 Ω , 1 kHz, 10% THD
- Plays Audio CDs, MP3s, WMA, AAC, and WAV Files
- 80 GB Hard Disk Drive Capacity for Storing Audio Files
- iPod Playability* via Front-Panel USB Port
- Transfer Files from a PC Using File Transfer Protocol (FTP)
- Records Radio Sources including DAB
- VLSC (Vector Linear Shaping Circuitry)
- Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- Gracenote Media Database (Accessed via Ethernet)
- Wolfson® Stereo DAC
- Audyssey EQ™ for Equalization with D-N10BX and D-112E Speakers

- Audyssey Dynamic EQ™ for Loudness Correction
- Optical Digital Input
- 3 Audio Inputs and 2 Outputs
- Subwoofer Pre Out
- Super Bass (On/Off) and Tone Control
- FM/AM/DAB Tuning
- 4-Mode Timer (Play or Rec/Once or Every)
- Headphone Jack
- Aluminum Top Panel and Knobs
- Banana Plug-Compatible Speaker Posts
- Compatible with RI (Remote Interactive) Dock for the iPod
- RI (Remote Interactive) Remote Control

*Compatible with the following iPod models: iPod touch; iPod classic; iPod with video; iPod nano (1st, 2nd, and 3rd generation)

D-N10BX (Optional) 2-Way Bass Reflex Speakers

- 13 cm A-OMF Monocoque Diaphragm Woofer
- 3 cm Ring-Drive Tweeter
- Aero Acoustic Drive for Powerful and Natural Sound
- V-Line Edge to Counteract Unwanted Diaphragm Vibration
- Banana Plug-Compatible Speaker Posts
- Magnetically Shielded
- MDF Cabinet with Gloss Finish
- Impedance: 4 Ω
- Max. Input Power: 70 W
- Frequency Response: 45 Hz–100 kHz

A-OMF
MONOCOQUE





CR-725DAB, D-N10BX (Optional)

Much More Than a Sum of Parts—Exclusive, Customized and Smart

CR-725DAB/D-N10BX CD Receiver with Optional Speakers

CR-725DAB **SILVER** **BLACK**

CD Receiver

Amplifier Features

- 50 W/Ch, 4 Ω , 1 kHz
- VL Digital Technology
- HICC (High Instantaneous Current Capability)
- Customized Heavy-Duty Power Transformer
- Customized Capacitor (4700 μ F) for Power Supply
- Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- Direct Mode
- 4 Audio Inputs (1 Front Panel) and 2 Outputs
- 1 Digital (Optical) Input
- Subwoofer Pre Out

CD Player Features

- Plays Audio CDs, MP3s (via CD-R, CD-RW)*
- VLSC (Vector Linear Shaping Circuitry)
- Wolfson® Stereo DAC
- 4 Play Modes (Normal/Memory/Random/I Folder)
- Navigation Mode for Selecting and Playing MP3 Files Burned to CD-R, CD-RW
- MP3 Settings for Personal Preferences
- Memory Playback (25-Track Programming)
- 2 Repeat Modes (Track/Full) for CDs and MP3 Folders

*Discs that have not been properly finalized may only be partially playable or not playable at all.

Tuner and Other Features

- Preset Function with 40 FM/DAB Selections
- Manual (FM) and Automatic (FM/DAB) Tuning
- Preset Naming (Up to 8 Characters)
- FM Auto Preset
- 4-Mode Timer (Play or Rec/Once or Every)
- Sleep Timer
- Accuclock
- RDS (PS/RT)
- Tone Control (Bass/Treble)
- Super Bass Function
- Battery-Free Memory Back-Up
- FM Indoor Antenna Supplied
- Headphone Jack
- Aluminum Front and Side Panels and Volume Knob
- Robust Steel Top Cover (1.2 mm) to Suppress Vibrations
- Gold-Plated Banana Plug-Compatible Transparent Speaker Posts
- Gold-Plated Input and Output Terminals
- Compatible with RI (Remote Interactive) Dock for the iPod
- RI (Remote Interactive) Remote Control

D-N10BX (Optional) 2-Way Bass Reflex Speakers

- 13 cm A-OMF Monocoque Diaphragm Woofer
- 3 cm Ring-Drive Tweeter
- Aero Acoustic Drive for Powerful and Natural Sound
- V-Line Edge to Counteract Unwanted Diaphragm Vibration
- Banana Plug-Compatible Speaker Posts
- Magnetically Shielded
- MDF Cabinet with Gloss Finish
- Impedance: 4 Ω
- Max. Input Power: 70 W
- Frequency Response: 45 Hz–100 kHz

A-OMF

DIGITAL **VECTOR LINEAR SHAPING CIRCUITRY** **MP3** **DAB** Digital Audio Broadcasting **RDS** **R**





CR-525UKD, D-525 (Optional)

Award-Winning Compact Audio Design with USB Connectivity and DAB Tuning

CR-525UKD/D-525 CD Receiver with Optional Speakers

CR-525UKD **SILVER** **BLACK** CD Receiver

Amplifier Features

- 26 W/Ch, 4 Ω , 1 kHz
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- 2 Audio Inputs and 1 Output
- Subwoofer Pre Out

CD Player Features

- Plays Audio CDs, MP3s (via USB, CD-R, CD-RW)*, and WMA (via USB)
- VLSC (Vector Linear Shaping Circuitry)
- Wolfson® Stereo DAC
- 4 Play Modes (Normal/Memory/Random/1 Folder)
- Navigation Mode for Selecting and Playing MP3 Files Burned to CD-R, CD-RW
- MP3 Settings for Personal Preferences
- Memory Playback (25-Track Programming)
- 2 Repeat Modes (Track/Full) for CDs and MP3 Folders

*Discs that have not been properly finalized may only be partially playable or not playable at all.

WRAT
WIDE RANGE AMP TECHNOLOGY

VL VECTOR LINEAR
SHAPING CIRCUITRY

USB **MP3**

DAB
Digital Audio Broadcasting

RDS **RI**

Tuner and Other Features

- Front Panel USB Port for USB Mass Storage Devices (Such as Flash Drives and Portable Audio Players)
- Preset Function with 40 FM/AM/DAB Selections
- Manual (FM/AM) and Automatic (FM/AM/DAB) Tuning
- 4-Mode Timer (Play or Rec/Once or Every)
- Sleep Timer
- Accudock
- RDS (PS/RT)
- Preset Naming (Up to 8 Characters)
- FM Auto Preset
- Tone Control (Bass/Treble)
- Super Bass Function
- Battery-Free Memory Backup
- Aluminum Front Panel and Volume Knob
- FM Indoor Antenna Supplied
- AM Loop Antenna Supplied
- Headphone Jack
- Gold-Plated Banana Plug-Compatible Transparent Speaker Posts
- Compatible with RI (Remote Interactive) Dock for the iPod
- RI (Remote Interactive) Remote Control

D-525 (Optional) 2-Way Bass Reflex Speakers

- 13 cm A-OMF Monocoque Diaphragm Woofer
- 3 cm Ring-Drive Tweeter
- Gloss Finish
- Aero Acoustic Drive for Powerful and Natural Sound
- V-Line Edge to Counteract Unwanted Diaphragm Vibration
- Magnetically Shielded
- Impedance: 4 Ω
- Max. Input Power: 70 W
- Frequency Response: 50 Hz–100 kHz

A-OMF
AERO-OMF





CR-325UKD, DS-A1XP, D-TIX (iPod with video not included)

A UK-Focused Mini Audio System with WRAT Technology, DAB Tuning, and iPod Audio Playback

CS-325UK CD Receiver System

CR-325UKD **BLACK** CD Receiver

Amplifier Features

- 26 W/Ch, 4 Ω , 1 kHz
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- Direct Mode
- 2 Audio Inputs and 1 Output
- Subwoofer Pre Out

CD Player Features

- Plays Audio CDs, MP3s (via CD-R, CD-RW)*
- Single-Bit DAC
- 4 Play Modes (Normal/Memory/Random/I Folder)
- Navigation Mode for Selecting and Playing MP3 Files Burned to CD-R, CD-RW
- MP3 Settings for Personal Preferences
- Memory Playback (25-Track Programming)
- 2 Repeat Modes (Track/Full) for CDs and MP3 Folders

*Discs that have not been properly finalized may only be partially playable or not playable at all.

WRAT WIDE RANGE AMP TECHNOLOGY **MP3** **DAB** Digital Audio Broadcasting **RDS** **RI**

Tuner and Other Features

- Preset Function with 40 FM/AM/DAB Selections
- Manual (FM/AM) and Automatic (FM/AM/DAB) Tuning
- 4-Mode Timer (Play or Rec/Once or Every)
- Sleep Timer
- Accudock
- RDS (PS/RT)
- Preset Naming (Up to 8 Characters)
- FM Auto Preset
- Tone Control (Bass/Treble) via Remote Control
- Super Bass Function
- Battery-Free Memory Backup
- Aluminum Front Panel
- FM Indoor Antenna Supplied
- AM Loop Antenna Supplied
- Headphone Jack
- Banana Plug-Compatible Speaker Posts
- RI (Remote Interactive) Remote Control

DS-A1XP RI Dock for the iPod

- Recharges iPod When Connected to AC Power Supply
- Superior Quality for Digital Music Files
- Compatible with RI Remote Control
- Remote Interactive Functions (Auto Power On, Auto Selector, Time Play/Sleep Timer)

D-TIX 2-Way Bass Reflex Speakers A-OMF

- 8 cm A-OMF Diaphragm Woofer
- 2 cm Balanced-Dome Tweeter
- Aero Acoustic Drive for Powerful and Natural Sound
- V-Line Edge to Counteract Unwanted Diaphragm Vibration
- Magnetically Shielded
- Impedance: 6 Ω
- Max. Input Power: 40 W
- Frequency Response: 60 Hz-50 kHz



CR-325UKD, DS-A1XP, D-TIX

DR-815(S) DVD Receiver

- 18 W/Ch, Continuous 4 Ω , 1 kHz
- Plays DVD-Audio & Video, DVD-R/RWs, Super Audio CDs, MP3-Encoded CDs, WMA-Encoded CDs, CD-R/RWs, Video CDs, Audio CDs, and JPEG-Encoded CDs*
- DTS Digital Surround*, Dolby® Digital, Dolby® Pro Logic® II
- VLSC (Vector Linear Shaping Circuitry)
- WRAT (Wide Range Amplifier Technology)
- 192 kHz/24-Bit Audio DAC
- 108 MHz/12-Bit Video DAC
- Advanced 32-Bit Processing DSP Chip
- Discrete Output Stage Circuitry

- Optimum Gain Volume Circuitry
- Center/Surround/Subwoofer Pre-Out
- A/V Connector (SCART)
- Theater-Dimensional Virtual Surround Function
- 30 FM/AM Presets
- Compatible with RI Dock for the iPod
- WHD: 205 x 147 x 353 mm
- 5.4 kg

*Discs that have not been properly finalized may only be partially playable or not playable at all.



DTS **DOLBY DIGITAL** **VECTOR LINEAR SHAPING CIRCUITRY** **WRAT** WIDE RANGE AMP TECHNOLOGY **192 kHz/24** **CH** **DSP** **MP3** **WMA** **JPEG** **THEATER-DIMENSIONAL** **RDS** **RI**

WHAT HI-FI?
SOUND AND VISION
★★★★★
(September Issue 2008)



(iPod touch not included)

Integrating the iPod into Every Corner of the Home

CBX-300 CD Receiver System

CD Receiver Features

- Plays CDs, MP3-Encoded CDs, and WMA-Encoded CDs*
- Enables Playback of iPod Audio Files Through Built-in Dock
- Slot-in CD Loading Mechanism
- 4-Mode Preset EQ Function (Standard/Dynamic/Vocal/Clear)
- Disc Navigator for Selecting MP3-/WMA-Encoded CDs
- Active Bass Control Circuit to Improve Audio Performance
- MP3/WMA Preferences Setting
- 25-Track Memory Playback
- Random Play Mode
- Repeat Mode for CD (Entire/1 Track/Memory/Random) and MP3/WMA CD (1 Folder)

*Discs that have not been properly finalized may only be partially playable or not playable at all.

- 4 Programmable Timer
- Sleep Timer Function
- Snooze Function
- 30 FM/AM Presets with RDS
- Preset Copy Function
- Automatic FM/AM Scan Tuning
- Preset Station Naming (Up to 8 Characters)
- Dimmer Function (Normal/Dim)
- Battery-Free Memory Backup
- Headphone Jack (Mini Jack)
- Supplied Indoor FM Antenna/AM Loop Antenna
- Remote Control

Speaker Features

- Full Range, Bass Reflex 8 cm OMF Diaphragm x 2
- Braced Construction to Contribute to Tonality
- Aero Acoustic Drive for Powerful and Natural Sound
- Separated Speaker Enclosures



System Dimensions and Weight

- WHD: 435 x 138 x 267 mm
- 4.3 kg

MP3



CR-L5, D-N3X

Enliven Any Room with Elegant Style and Crisp, Clear Sound

CR-L5PA CD Receiver/Speaker Package

CR-L5 Ultra-Slim CD Receiver

- 50 W/Ch, Continuous 4 Ω , 1 kHz, DIN
- Single-Bit DAC
- VLSC (Vector Linear Shaping Circuitry)
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Direct Mode Function
- 2 Digital Outputs (Optical/Coaxial)
- Subwoofer Pre Out
- Speaker A/B Drive
- Compatible with RI (Remote Interactive) Dock for the iPod
- Full-Function RI (Remote Interactive) Remote Control

D-N3X 2-Way Bass Reflex Speakers

- 12 cm OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- Magnetically Shielded
- Extensively Braced MDF Cabinet
- Impedance: 5 Ω
- Max. Input Power: 70 W
- Frequency Response: 60 Hz–35 kHz
- WHD: 130 x 220 x 216 mm
- 2.9 kg



WRAT



Integrating the iPhone and iPod

First among the Onkyo RI Dock family to accommodate the iPhone with Onkyo's audio and home cinema systems.



DS-A3 BLACK

Remote Interactive Dock

Video Playback with Component Video Output

Compared to composite video, component video gives you greater reliability and higher quality for movies, music videos, TV shows, and video podcasts.



Easier Navigation and Selection

An onscreen display (OSD) mode simplifies navigation and selection of A/V content.



Dedicated Remote Control

With its simple layout and easy operability, this palm-fitting remote controller is particularly handy for navigating and selecting your music.



Charge Your iPod's Battery

When your iPhone or iPod is in the RI Dock, the battery will charge whenever the Dock is connected to its power source.



- Resume Function • Shuffle Function for Random Playback of Songs/Albums • Repeat Function (1 Track/All) • Auto Power On • Auto Selector Function • Time Play/Sleep Timer Function • Alarm Function • Direct Change Automatically Switches Input Source to iPod • WHD: 110 x 54 x 112 mm • 300 g

Compatible Models with the DS-A3 (as of September 2008)

- iPhone • iPhone 3G • iPod touch • 4th generation iPod with click wheel (latest software version) • 5th generation iPod with video (latest software version) • iPod photo (latest software version) • iPod mini (latest software version) • iPod nano (1st, 2nd, and 3rd generation) (1st, 2nd, and 3rd generation iPod models are not supported)



(iPhone not included)



(iPod not included)

DS-A2X WHITE BLACK

Remote Interactive Dock

Superb Audio and Video Playback

Not just for music, but video and photos, too



Control From Afar

Now with its own dedicated remote control



Charged and Ready to Go

Perfect as a charging station



Easier Viewing of Your Track Lists

Displays music track lists with information about artists, albums, songs, and genres



RI (Remote Interactive) Capabilities

Brings Auto Selector, Time Play/Sleep Timer, Alarm functions



- WHD: 112 x 60 x 112 mm • 230 g

iPod Models Compatible with the DS-A2X

- iPod touch • iPod classic • 5th generation iPod with video • iPod nano • iPod photo • iPod mini • 4th generation iPod with click wheel

(1st, 2nd, and 3rd generation iPod models are not supported.)



DS-A1X WHITE BLACK

Remote Interactive Dock

Control From Afar

RI-connectivity brings effortless remote control to your iPod's vast library of music—or digital photos—without your having to budge from the sofa.



Pristine Onkyo Playback

Put those earphones down and give your iPod music a turbo-boost. The DS-A1X provides the link to an absorbing, room-filling sound experience.



Relive Those Magical Moments

Share those memorable photos through your home cinema's larger display, by connecting your photo-enabled iPod with the DS-A1X.



Charged and Ready to Go

More than just a conduit to your audio system, the DS-A1X also works as a charging station. So, while you're powering up your favourite tunes, your iPod's powering up too.



- Auto Selector Function • Time Play/Sleep Timer Function • Alarm Function • JPEG Capable • All Cables Included (RI, Audio/Video, Power) • WHD: 112 x 60 x 112 mm • 220 g

iPod Models Compatible with the DS-A1X

- iPod touch • iPod classic • 5th generation iPod with video • iPod nano • iPod photo • iPod mini • 4th generation iPod with click wheel

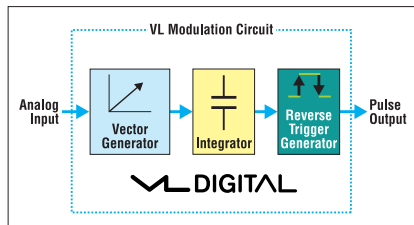
(1st, 2nd, and 3rd generation iPod models are not supported.)



VL Digital—A Unique Approach to Digital Audio Advancement

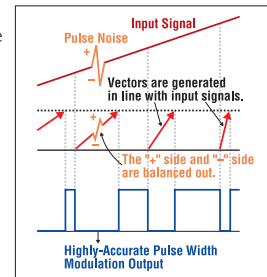
Innovative Circuit Designs to Counter the Influence of Digital Noise

Onkyo digital amplifiers use a conversion method called pulse width modulation (PWM) for the digital-to-analog conversion process. Even though PWM is an efficient method of amplifying audio signals (resulting in accurate analog-to-digital conversion), digital amplifiers generate a lot of noise spikes from sources external to the modulator circuitry. This spike noise introduces errors into the inversion timing, making accurate conversion into pulse widths impossible. So, to further improve the precision of our amplifiers, we've had to push even further. Our response is a highly accurate analog-to-digital conversion circuit—VL Digital—that is unaffected by noise in the analog signal.



Onkyo's VL Digital technology comprises a vector generator, an integrator (which acts like a charger) and an inversion trigger generator. When the analog input signal is received, the vector generator outputs a current proportional to the size of the analog input. This current is sent to the integrator, where it is "charged". When the charge quantity reaches a specified value, the trigger operates and inverts the output pulse. Circuits charge and invert alternately, performing pulse width modulation proportional to the analog signal.

The upper and lower portions of the spike noise waveform are symmetrical, so they have the same area. Therefore, if the analog signal contains spike noise, their charge quantities will cancel each other out. This will ensure accurate pulse width modulation at all times. Onkyo's third-generation VL Digital technology includes an inverted Darlington circuit that goes beyond earlier versions to accurately produce a current flow based on the input voltage.



Offering Dedicated Audio Engineering with Versatile Music Playback



VL DIGITAL R

A-933 Integrated Digital Amplifier

- 80 W/Ch, Continuous 8 Ω, 1 kHz, DIN
- Exclusive Onkyo VL Digital Technology
- Dual Toroidal Power Transformers
- All Discrete Output Stage Circuitry
- Low Impedance, Thick Bus Plate
- Precision Motor-Driven Volume Control
- Tone Control (Bass/Treble/Super Bass)
- Direct Mode
- 5 Audio Inputs and 2 Outputs
- Phono Input
- Main In Terminals
- Speaker A/B Drive
- Subwoofer Pre Out
- Banana Plug-Compatible Speaker Posts
- Brushed Hairline Aluminium Front Panel
- Hi-Rigidity, Anti-Resonant Chassis
- Compatible with RI Dock for the iPod
- Full-Function RI (Remote Interactive) Remote Control
- WHD: 275 x 103 x 328 mm
- 7.5 kg



The lesser-used controls are neatly tucked away behind the drop-down panel.



CLASS 1 LASER PRODUCT

C-733 CD Player

- Plays Audio CDs and CD-R/RWs*
- VLSC (Vector Linear Shaping Circuitry)
- 192 kHz/24-Bit DAC
- Super Precision Clock (± 1.5 ppm)
- Direct Digital Path
- DLA Link (Sets Peak Levels When One-Touch Recording to an Onkyo MD Recorder)
- 2 Optical Digital Outputs
- 25-Track Programming
- Repeat/Random/Memory Playback
- Brushed Hairline Aluminium Front Panel
- Hi-Rigidity, Anti-Resonant Chassis
- Ultra-Smooth CD Loading Mechanism
- Blue FL Display
- RI (Remote Interactive) System Compatible
- WHD: 275 x 103 x 304 mm
- 4.5 kg

*Discs that have not been properly finalised may only be partially playable or not playable at all.



RDS RI

T-433 FM/AM RDS Tuner

- Automatic FM/AM Scan Tuning
- 30 FM/AM Presets
- RDS (CT/PS/RT)
- 4 Timer Mode Settings (Play or Rec/Once or Every)
- Sleep Timer
- Brushed Hairline Aluminium Front Panel
- Hi-Rigidity, Anti-Resonant Chassis
- RI (Remote Interactive) System Compatible
- WHD: 275 x 78 x 309 mm
- 3.0 kg

Basing Music on Pure Audio Signals with On-Demand Power

A-9755 Integrated Digital Amplifier

- 150 W/Ch, Continuous 8 Ω, 1 kHz, DIN
- Exclusive Onkyo VL Digital Technology
- Pure Stream Power Supply (2 Transformers)
- All Discrete Output Stage Circuitry
- Low-Impedance, Thick Bus Plate
- Optimum Gain Volume Circuitry
- Audiophile-Grade Capacitor
- Precision Motor-Driven Volume Control
- Tone Control (Bass, Treble, Loudness On/Off)
- Pure Direct Mode
- Discrete Phono Equalizer Circuitry
- 6 Gold-Plated Audio Inputs and 2 Outputs
- Phono Input
- Main In Terminals
- Blue Illuminated Volume Control
- High-Rigidity, Anti-Resonant Chassis, and Brass Stabilizers
- Extruded Aluminum Volume and Selector Knobs
- Speaker A/B Drive
- Gold-Plated Banana Plug-Compatible Transparent Speaker Posts
- Heavy-Duty Power Cord (Inlet Type)
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control



VL DIGITAL R

A-9555 Integrated Digital Amplifier

- 100 W/Ch, Continuous 8 Ω, 1 kHz, DIN
- Exclusive Onkyo VL Digital Technology
- Pure Stream Power Supply
- All Discrete Output Stage Circuitry
- Low-Impedance, Thick Bus Plate
- Optimum Gain Volume Circuitry
- Precision Motor-Driven Volume Control
- Tone Control (Bass, Treble, Loudness On/Off)
- Pure Direct Mode
- Discrete Phono Equalizer Circuitry
- 6 Audio Inputs and 2 Outputs
- Phono Input
- High-Rigidity, Anti-Resonant Chassis
- Aluminum Volume and Selector Knobs
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control



VL DIGITAL R

A-9355 Integrated Digital Amplifier

- 70 W/Ch, 4 Ω, 1 kHz, 2 Channels Driven, IEC
- Exclusive Onkyo VL Digital Technology
- Massive Power Transformer
- All Discrete Output Stage Circuitry
- Low-Impedance, Thick Bus Plate
- Optimum Gain Volume Circuitry
- Audiophile Grade Capacitor
- Precision Motor-Driven Volume Control
- Tone Control (Bass, Treble, Loudness On/Off)
- Pure Direct Mode
- Discrete Phono Equalizer Circuitry
- 5 Audio Inputs and 2 Outputs
- Phono Input
- High-Rigidity, Anti-Resonant Chassis
- Aluminum Volume and Selector Knobs
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts
- Heavy-Duty Power Cord
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control



VL DIGITAL R

A-9155 Integrated Amplifier

- 65 W/Ch, 4 Ω, 1 kHz, 2 Channels Driven, IEC
- WRAT (Wide Range Amplifier Technology)
- All Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- Audiophile Grade Capacitors
- Precision Motor-Driven Volume Control
- Tone Control (Bass, Treble, Loudness On/Off)
- Direct Mode
- Phono Equalizer
- 4 Audio Inputs and 2 Outputs
- Phono Input
- High-Rigidity, Anti-Resonant Chassis
- Aluminum Volume and Selector Knobs
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts
- Headphone Jack
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control



WRAT RI

TX-8555 Stereo Receiver

- 125 W/Ch, 4 Ω , 1 kHz, IEC
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Discrete Output Stage Circuitry
- Massive Power Transformer
- 2 Audio and 4 A/V Inputs
- Phono Input
- 1 Audio and 1 A/V Output
- Zone 2 Pre Out
- Subwoofer Pre Out
- IR Input and Output
- 40 FM/AM Presets
- RDS (PS/PTY/RT/TP)
- Preset Station Naming (Up to 8 Characters)
- Direct Access Tuning
- Pure Audio Mode
- Speaker A/B Drive
- Brushed Hairline Aluminum Front Panel
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control



WRAT WIDE RANGE AMP TECHNOLOGY RDS RI

TX-8255 Stereo Receiver

- 90 W/Ch, 4 Ω , 1 kHz, IEC
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Discrete Output Stage Circuitry
- Massive Power Transformer
- 5 Audio Inputs and 2 Outputs
- Phono Input
- IR Input and Output
- Direct Access Tuning
- 40 FM/AM Presets
- RDS (PS/PTY/RT/TP)
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts
- Brushed Hairline Aluminum Front Panel
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control



WRAT WIDE RANGE AMP TECHNOLOGY RDS RI

DX-7555 CD Player

- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs*
- VLSC (Vector Linear Shaping Circuitry)
- Wolfson® (WM8740) 192 kHz/24-Bit DAC
- Super Precision Clock (± 1.5 ppm)
- Digital Filter and Phase Control
- Direct Digital Path
- Massive Power Transformer
- 2 Digital Outputs (Optical/Coaxial)
- Headphone Jack with Volume Control
- Quick Navigation for MP3 CD Playback
- 25-Step Memory Playback and 4 Repeat Modes
- 4-Mode Dimmer (Normal/Dim/Dimmer/Off)
- High-Rigidity, Anti-Resonant Chassis
- Brushed Hairline Aluminium Front Panel
- RI (Remote Interactive) Remote Control



dts MP3 192kHz/24bit VL VECTOR LINEAR SHAPING CIRCUITRY DIRECT DIGITAL PATH RI

DX-7355 CD Player

- Plays Audio CDs, MP3-Encoded CDs, CD-R/CD-RWs*
- VLSC (Vector Linear Shaping Circuitry)
- Wolfson® (WM8716) 192 kHz/24-Bit DAC
- Massive Power Transformer
- Audiophile-Grade Capacitors
- 2 Digital Outputs (Optical/Coaxial)
- Headphone Jack with Volume Control
- Quick Navigation for MP3 CD Playback
- 4 Play Modes (Group [MP3 CD only]/Memory/Random/Normal)
- 25-Step Memory Playback
- 5 Repeat Modes (1 Group/Memory/Random/Entire Disc/1 Track)
- 3-Mode Dimmer (Normal/Dim/Dimmer)
- High-Rigidity, Anti-Resonant Chassis
- Brushed Hairline Aluminium Front Panel
- RI (Remote Interactive) Remote Control



dts MP3 192kHz/24bit VL VECTOR LINEAR SHAPING CIRCUITRY RI

*Discs that have not been properly finalised may only be partially playable or not playable at all.

T-4555 FM/AM DAB Tuner

- FM/AM/DAB Auto Tuning
- 40 FM/AM/DAB Presets
- RDS (PS/RT/PTY/TP)
- DAB Auto Scanning (Band III/L-Band)
- Ground Isolation Circuit for Digital/Analog
- Direct Access Tuning (via Remote)
- RS232 Port
- IR Input/Output
- 12V Trigger Input/Output
- Brushed Hairline Aluminium Front Panel
- RI (Remote Interactive) Remote Control



DAB RDS R

T-4355 FM/AM RDS Tuner

- FM/AM Auto and Manual Tuning
- Auto Presets (20 FM/10 AM)
- RDS (PS/RT)
- FM Mono Mode
- Dot-Matrix Display
- Front Panel Controls (Display, Band, Preset, Memory, FM Mode)
- Hi-Rigidity, Anti-Resonant Chassis
- Aluminium Front Panel
- Audiophile Grade Capacitor
- RI (Remote Interactive) System Compatible



RDS RI

DX-C390 6-Disc CD Carousel Changer

- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs*
- VLSC (Vector Linear Shaping Circuitry)
- VQA (Vector Quantizer Audio) Conversion Technology
- Change up to 5 Discs During Play
- 192 kHz/24-Bit Audio DAC
- Direct Digital Path
- 2 Digital Outputs (Optical/Coaxial)
- 40-Track Programming
- Next Selection Function
- 6 Repeat Modes (Entire Disc/All Discs/Random Tracks/Programmed Tracks/Random Memory/Single Track)
- Brushed Hairline Aluminium Front Panel
- RI (Remote Interactive) Remote Control

**Discs that have not been properly finalised may only be partially playable or not playable at all.*



MP3 6 DISC **VLSC** **VQA** **192/24**
DIRECT DIGITAL PATH **RI**

TA-RW255 Double Auto-Reverse Cassette Deck

- Dolby® B and C Noise Reduction
- CD-to-Tape Synchro Recording
- Rec Level Control
- Auto Tape-Bias Adjustment
- Auto-Space and Rec Mute
- High Speed Dubbing
- 8-Segment Peak Level Meters
- Peak Hold
- Brushed Hairline Aluminium Front Panel
- RI (Remote Interactive) System Compatible



DOLBY **RI**

Introducing the Speaker World to a Brand New Onkyo Personality



D-TK10 2-Way Bass Reflex Speakers

A-OMF
MONOCOQUE

- 10 cm A-OMF Monocoque diaphragm woofer • 3 cm ring-drive tweeter • Supported by a large voice coil • Takamine Acoustic Voicing Technology construction • Aero Acoustic Drive for powerful and natural sound • Network circuit with high-quality parts • Gold-plated, banana plug-compatible speaker posts • Frequency response: 50 Hz–100 kHz • Max. input power: 200 W • WHD: 133 x 276 x 220 mm • 2.9 kg



D-312E 2-Way Bass Reflex Speakers

A-OMF
MONOCOQUE

- 16 cm A-OMF Monocoque diaphragm woofer • 4 cm ring-drive tweeter • Heavy-duty 6.5 cm voice coil • V-Line Edge to counteract unwanted diaphragm vibration • Aero Acoustic Drive for powerful and natural sound • Isolated wiring network design • WIMA film capacitor • MDF cabinet and wooden side panels • Gold-plated, bi-wiring, banana plug-compatible speaker posts • Impedance: 4 Ω • Magnetically shielded • Max. input power: 200 W • Frequency response: 34 Hz–100 kHz • WHD: 236 x 353 x 346 mm • 12.2 kg



D-302E 2-Way Bass Reflex Speakers

A-OMF
MONOCOQUE

- 16 cm A-OMF Monocoque diaphragm woofer • 4 cm ring-drive tweeter • Die-cast frame construction to prevent vibrations • V-Line Edge to counteract unwanted diaphragm vibration • Aero Acoustic Drive for powerful and natural sound • Wood-finished MDF cabinet • Gold-plated, banana plug-compatible speaker posts • Magnetically shielded • Max. input power: 200 W • Frequency response: 34 Hz–100 kHz • WHD: 210 x 347 x 363 mm • 10.8 kg

Onkyo and Takamine Guitars: The Development Story

Innovation results from a combination of learned expertise, persistence, and inspired vision. There's no better example of this than the joint development of the D-TK10 loudspeakers by Onkyo and Takamine, one of the world's leading makers of precision-crafted guitars. The unique proposal of creating a loudspeaker that could express the same resonant qualities as a musical instrument set a remarkable project in motion. Going against conventions in the audio industry, the project team focused on the speaker cabinet itself as another factor in the overall unit's musical character. Using innovative thinking to surmount a range of challenges—for example, using internal bracing to contribute to the speakers' tonality—Onkyo and Takamine revealed the possibilities of experience and invention.



Takamine

TECHNOLOGY
— Acoustic Voicing —



D-112E 2-Way Bass Reflex Speakers

A-OMF
MONOCOQUE

- 10 cm A-OMF Monocoque diaphragm woofer • 3 cm ring-drive tweeter • Supported by a large voice coil (3.8 cm) • V-Line Edge to counteract unwanted diaphragm vibration • Aero Acoustic Drive for powerful and natural sound • High-quality network circuit with S.G.L. (Steady Ground Level) • Wood-finished cabinet with MDF baffle • Gold-plated, banana plug-compatible speaker posts • Magnetically shielded • Max. input power: 120 W • Frequency response: 50 Hz–100 kHz • WHD: 156 x 249 x 221 mm • 4.1 kg



SKS-HT518 5.1-Channel Home Cinema Speaker System

SKF-518F 2-Way Bass Reflex Front Speakers

- 8 cm cone woofer • 2.5 cm balanced dome tweeter • Max. input power: 130 W • Magnetically shielded • WHD: 101 x 273 x 121 mm • 1.1 kg

SKC-518C 2-Way Bass Reflex Center Speaker

- 8 cm cone woofer • 2.5 cm balanced dome tweeter • Max. input power: 130 W • Magnetically shielded • WHD: 273 x 101 x 106 mm • 1.1 kg

SKM-518S Full-Range Bass Reflex Surround Speakers

- 8 cm cone • Max. input power: 130 W • WHD: 101 x 175 x 116 mm • 0.7 kg

Note: All speakers are gloss finished. They also feature an impedance of 8 Ω , color-coded speaker terminals and cable, and wall-mounting capability.

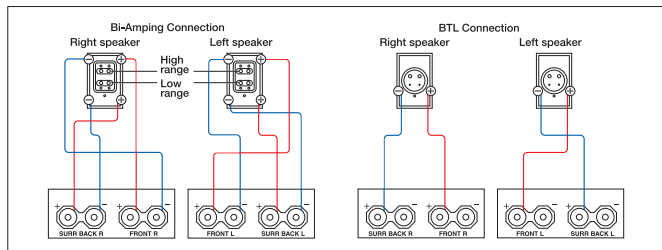
SKW-501 Bass Reflex Powered Subwoofer

- 20 cm cone woofer • Auto standby/On circuitry • Max. output power: 150 W • Output level control • Line-level input • Frequency response: 27 Hz–150 Hz • WHD: 230 x 425 x 412 mm • 9.1 kg

GLOSSARY

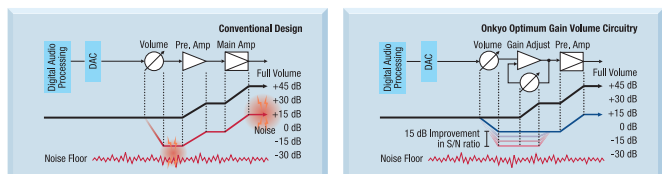
BI-AMPING AND BTL (BRIDGED TRANSLESS) CAPABILITY

Taking a cue from the world of high-end audio, you'll find bi-amping and BTL capabilities in Onkyo's 2008 line-up. This allows for a number of different home cinema set-ups beyond the standard surround-sound configurations. Compatible front speakers can be bi-amped for separate tweeter and woofer inputs. Also, BTL enables you to double the power output to compatible front speakers.



OPTIMUM GAIN VOLUME CIRCUITRY

In conventional volume-attenuation methods, the signal comes close to the noise floor at low volumes and is therefore susceptible to interference. Even if the amount of noise is minimal, it taints the signal as it is amplified. Onkyo's Optimum Gain Volume Circuitry adjusts the gain so that less than half the typical amount of attenuation is necessary. The signal never comes close to the noise floor; thereby eliminating the possibility of the noise contamination that plagues conventional volume-attenuation designs.



BURR-BROWN 192 KHz/24-BIT DACs FOR ALL CHANNELS

Selected Onkyo A/V receivers—namely the TX-NR906 and TX-SR876—use a Burr-Brown 192 kHz/24-bit DAC with an advanced Texas Instruments DAC architecture (PCM1796) to achieve excellent dynamic performance and improved tolerance to clock jitter.



TEXAS INSTRUMENTS DSP (DIGITAL SIGNAL PROCESSING) CHIPS

Onkyo A/V receivers incorporate up to three Aureus™ DSP chips in the audio processing chain. They support the latest and most innovative audio signal processing features and help create a richer listening experience.



PURE AUDIO MODE

Pure Audio Mode turns off the A/V receiver's display and keeps video in the digital domain (via HDMI) to ensure that the audio signal is protected against interference from external circuitry.

MUSIC OPTIMIZER TO SUPPORT COMPRESSED DIGITAL MUSIC FILES

While MP3 or AAC files may sound fine on a portable digital player; the limitations of these compressed files can be exposed when played back through a home entertainment system. Onkyo has designed onboard Music Optimizer technology to improve the quality of compressed audio signals. Compressed music loses a substantial amount of bit information at higher frequencies, so the Music Optimizer technology works to overcome this limitation and enhance audio quality.

CINEMAFILTER™

The tonal balance of a film soundtrack can be edgy and bright when played back over audio equipment in your home—this is because film soundtracks are designed to be played back in large cinemas, using commercial equipment. Onkyo has developed its own solution that restores the correct tonal balance of a movie soundtrack in the smaller environs of your home cinema.



THEATER-DIMENSIONAL

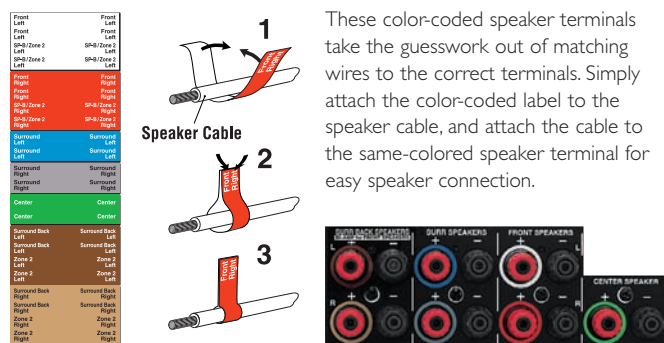
Onkyo's exclusive Theater-Dimensional circuitry takes the complexity out of conventional surround-sound set-ups and lets you experience the excitement of surround sound from as few as two ordinary speakers. Want more? Theater-Dimensional's unique multi-speaker modes let you place up to five speakers conveniently by the TV, for the most realistic virtual-surround sound possible.



INTELLIVOLUME

More often than not, the components connected to your A/V receiver are set at different volume levels. With IntelliVolume, you can customize the input volume settings for all of the inputs connected to the A/V receiver. You can vary the settings from -12dB to +12dB to achieve even levels when switching from one component to another.

COLOR-CODED SPEAKER TERMINALS

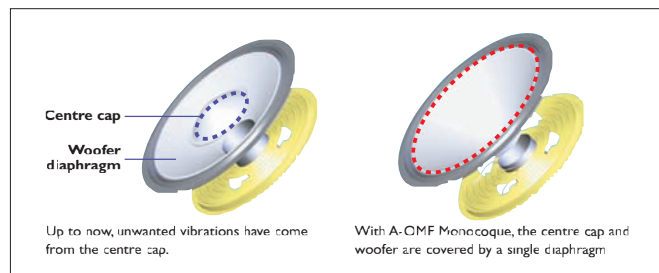


CROSSOVER ADJUSTMENT

Depending on your choice of Onkyo A/V receiver, you can set the subwoofer crossover at different frequencies. Being able to choose where the subwoofer takes over bass-producing responsibilities from the front speakers gives you more precise reproduction of movie soundtracks. It also means you can select from a wider range of speaker packages, and match speakers with differing crossover frequencies to your home cinema system.

A-OMF MONOCOQUE

A-OMF Monocoque is the latest development in the OMF (Onkyo Micro Fiber) diaphragm series. It comprises a continuous section of material that covers the entire cone, including the center cap. The A-OMF Monocoque diaphragm more effectively complements the woofer unit's piston motion and removes any unwanted breakup caused by flexing of the center cap. While it shares the same three-layer construction as its predecessor, the A-OMF Monocoque features a new twill weave that's 30% lighter than on the previous model, to further improve the diaphragm's transient response.



FEATURES

A/V RECEIVERS/CONTROLLER	TX-NR906	PR-SC886	TX-SR876	TX-SR806
HIGH-DEFINITION FEATURES				
DOLBY® TRUEHD, DOLBY® DIGITAL PLUS	✓	✓	✓	✓
DTS-HD MASTER AUDIO™, DTS-HD HIGH RESOLUTION AUDIO™	✓	✓	✓	✓/1
HDMI INPUTS/OUTPUTS	4/2	4/2	4/2	5/1
HDMI VIDEO PROCESSING	✓ (HQV Reon-VX)	✓ (HQV Reon-VX)	✓ (HQV Reon-VX)	✓ (Faroudja DCDi Cinema)
1080P VIDEO RESOLUTION	✓	✓	✓	✓
1080P VIDEO UPSCALING	✓	✓	✓	✓
RIHD	✓	✓	✓	✓
AMPLIFIER DESIGN				
PARALLEL PUSH-PULL AMPLIFICATION	✓		✓	
HIGH CURRENT LOW IMPEDANCE DRIVE	✓		✓	✓
H.C.P.S.	✓ (Toroidal)		✓	✓
WRAT (WIDE RANGE AMPLIFIER TECHNOLOGY)	✓		✓	✓
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)	✓ (For all channels)	✓ (For all channels)	✓ (For all channels)	
192 kHz/24-Bit Audio DAC	Burr-Brown	Burr-Brown	Burr-Brown	Cirrus Logic
ALL DISCRETE OUTPUT STAGE CIRCUITRY	✓		✓	✓
OPTIMUM GAIN VOLUME CIRCUITRY	✓	✓	✓	✓
Bi-AMPING	✓	✓	✓	✓
BTL (BRIDGED TRANSLESS)	✓		✓	
HOME CINEMA/NETWORK FEATURES				
THX™ CERTIFIED	✓ (Ultra2 Plus)	✓ (Ultra2 Plus)	✓ (Ultra2 Plus)	✓ (Ultra2 Plus)
ROOM CALIBRATION	✓ (Audyssey MultEQ XT)	✓ (Audyssey MultEQ XT)	✓ (Audyssey MultEQ XT)	✓ (Audyssey MultEQ)
NETWORK CONNECTIVITY	✓			
DTS®, DTS-ES™ DISCRETE/MATRIX, DTS Neo:6®, DTS 96/24™	✓	✓	✓	✓
DOLBY® DIGITAL, DOLBY® PRO LOGIC® IIx, DOLBY® DIGITAL EX™	✓	✓	✓	✓
HDMI UPCONVERSION	✓	✓	✓	✓
COMPONENT VIDEO UPSCALING	✓	✓	✓	✓
COMPONENT VIDEO INPUTS/OUTPUT	3/1	3/2	3/1	2/1
32-Bit DSP CHIP	Ti x 3	Ti x 3	Ti x 3	Ti x 2
ZONE 2	✓ (Audio/Video)	✓ (Audio/Video)	✓ (Audio/Video)	✓ (Audio)
ZONE 3	✓ (Audio)	✓ (Audio)	✓ (Audio)	
GUI FOR SYSTEM SET-UP	✓	✓	✓	✓
CROSSOVER ADJUSTMENT	✓ (Independent)	✓ (Independent)	✓ (Independent)	✓ (Independent)
A/V SYNC	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 250 ms)
ISF VIDEO CALIBRATION	✓	✓	✓	
OTHER FEATURES				
RADIO TUNING	Internet/FM/AM	FM/AM	FM/AM	FM/AM
NEURAL-THX® SURROUND DECODER	✓	✓	✓	
PURE AUDIO MODE	✓	✓	✓	✓
INTELLI VOLUME		✓	✓	✓
TONE CONTROL	7.1 ch	7.1 ch	7.1 ch	L/R
BANANA PLUG-COMPATIBLE SPEAKER POSTS	✓ (Customized, gold-plated)		✓	✓
RS232, IR, & 12V TRIGGER CONNECTIVITY	✓	✓	✓	✓
RI DOCK FOR iPod CONNECTIVITY	✓	✓	✓	✓

A/V RECEIVERS	TX-SR706	TX-SR606	TX-SR576	TX-SR506
HIGH-DEFINITION FEATURES				
DOLBY® TRUEHD, DOLBY® DIGITAL PLUS	✓	✓	Dolby Digital Plus Only	
DTS-HD MASTER AUDIO™, DTS-HD HIGH RESOLUTION AUDIO™	✓	✓		
HDMI INPUTS/OUTPUTS	4/1	4/1	3/1	3/1
HDMI VIDEO PROCESSING	✓ (Faroudja DCDi Cinema)	✓ (Faroudja DCDi Edge)		
1080P VIDEO RESOLUTION	✓	✓	✓	✓
1080P VIDEO UPSCALING	✓			
RIHD	✓	✓	✓	
AMPLIFIER DESIGN				
PARALLEL PUSH-PULL AMPLIFICATION				
HIGH CURRENT LOW IMPEDANCE DRIVE	✓	✓	✓	✓
H.C.P.S.	✓	✓	✓	✓
WRAT (WIDE RANGE AMPLIFIER TECHNOLOGY)	✓	✓	✓	✓
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)				
192 kHz/24-Bit AUDIO DAC	Cirrus Logic	Cirrus Logic	Cirrus Logic	Cirrus Logic
ALL DISCRETE OUTPUT STAGE CIRCUITRY	✓	✓	✓	✓
OPTIMUM GAIN VOLUME CIRCUITRY	✓	✓	✓	✓
Bi-AMPING	✓	✓	✓	✓
BTL (BRIDGED TRANSLESS)				
HOME CINEMA/NETWORK FEATURES				
THX™ CERTIFIED	✓ (Select2 Plus)			
ROOM CALIBRATION	✓ (Audyssey MultEQ)	✓ (Audyssey 2EQ)	✓ (Audyssey 2EQ)	✓ (Audyssey 2EQ)
NETWORK CONNECTIVITY				
DTS®, DTS-ES™ DISCRETE/MATRIX, DTS Neo:6®, DTS 96/24™	✓	✓	✓	✓
DOLBY® DIGITAL, DOLBY® PRO LOGIC® IIx, DOLBY® DIGITAL EX™	✓	✓	✓	✓
HDMI UPCONVERSION	✓	✓		
COMPONENT VIDEO UPSCALING				
COMPONENT VIDEO INPUTS/OUTPUT	2/1	2/1	2/1	2/1
32-BIT DSP CHIP	Ti x 2	Ti x 1	Ti x 1	Ti x 1
ZONE 2	✓ (Audio)	✓ (Audio)	✓ (Audio)	✓ (Audio)
ZONE 3				
GUI FOR SYSTEM SET-UP	✓	✓		
CROSSOVER ADJUSTMENT	✓ (Independent)	✓ (Independent)	✓	✓
A/V SYNC	✓ (Up to 250 ms)	✓ (Up to 100 ms)	✓ (Up to 100 ms)	✓ (Up to 100 ms)
ISF VIDEO CALIBRATION				
OTHER FEATURES				
RADIO TUNING	FM/AM	FM/AM	FM/AM	FM/AM
NEURAL-THX® SURROUND DECODER				
PURE AUDIO MODE	✓	✓	✓	✓
INTELLI VOLUME	✓	✓		
TONE CONTROL	L/R	L/R	L/R	L/R
BANANA PLUG-COMPATIBLE SPEAKER POSTS	✓	✓	✓ (Except Zone 2)	✓ (Except Zone 2)
RS232, IR, & 12V TRIGGER CONNECTIVITY	✓			
RI DOCK FOR IPOD CONNECTIVITY	✓	✓	✓	✓

FEATURES

DVD PLAYERS	DV-SP506	DV-SP406	DV-SP305	HI-FI RECEIVERS	TX-8555	TX-8255
DVD-Audio Playback	✓			Power Output (4 Ω, 1 kHz, IEC)* ¹	125 W/Ch	90 W/Ch
SUPER AUDIO CD Playback	✓			DYNAMIC POWER* ² (4 Ω)	120 W/Ch	90 W/Ch
MP3 Playback	✓	✓	✓	WRAT (WIDE RANGE AMPLIFIER TECHNOLOGY)	✓	✓
WMA Playback	✓	✓	✓	DISCRETE OUTPUT STAGE CIRCUITRY	✓	✓
DivX® VIDEO PLAYABLE	✓	✓	✓	HIGH-CURRENT, LOW-IMPEDANCE DRIVE	✓	✓
CD-R/RW Playback Capability** ²	✓	✓	✓	RDS (Radio Data System)	✓	✓
DVD-R/RW Playback Capability** ²	✓	✓	✓	A/V INPUT/OUTPUT TERMINALS	4/1	
DTS®/DOLBY® DIGITAL AUDIO OUTPUT	✓	✓	✓	AUDIO INPUT/OUTPUT TERMINALS	2/1	5/2
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)	✓			PHONO INPUT	✓	✓
1080p UPSCALING	✓	✓		IR INPUT/OUTPUT	✓	✓
HDMI OUTPUT	✓	✓		ZONE 2 PRE OUT	✓	
RIHD	✓			SPEAKER A/B DRIVE	✓	✓
USB INTERFACE		✓		NUMBER OF PRESETS	40	40
COMPOSITE VIDEO OUTPUT	✓	✓	✓	DIRECT ACCESS TUNING	✓	✓
S-VIDEO OUTPUT	✓			HEADPHONE JACK	✓	✓
COMPONENT VIDEO OUTPUT	✓	✓	✓	SLEEP TIMER	✓	✓
RGB VIDEO OUTPUT	✓	✓	✓	BANANA PLUG-COMPATIBLE SPEAKER POSTS	✓	✓
DIGITAL OUTPUTS	1 Optical/1 Coaxial	1 Optical/1 Coaxial	1 Coaxial	RI REMOTE CONTROL	✓	✓
ANALOG AUDIO OUTPUT	✓	✓	✓	COLOR	Silver or Black	Silver or Black
AUDIO DAC	192 kHz/24-Bit	192 kHz/24-Bit	96 kHz/24-Bit			
VIDEO DAC	108 MHz/14-Bit	108 MHz/14-Bit	54 MHz/10-Bit			
DYNAMIC RANGE CONTROL	✓	✓	✓			
VIDEO BLACK LEVEL CONTROL	✓	✓	✓			
PROGRAMMED MEMORY PLAYBACK	✓	✓	✓			
MULTI-LANGUAGE ONSCREEN DISPLAY	✓	✓	✓			
COLOR	Silver or Black	Silver or Black	Silver			

INTEGRATED AMPLIFIERS	A-9755	A-9555	A-9355	A-9155	A-933	CASSETTE DECK	TA-RW255
POWER OUTPUT (8 Ω, 1 kHz, DIN)* ¹	150 W/Ch	100 W/Ch	70 W/Ch (4 Ω, 1 kHz, 2 channels driven, IEC)	65 W/Ch (4 Ω, 1 kHz, 2 channels driven, IEC)	80 W/Ch	NUMBER OF MOTORS	1 + 1
DYNAMIC POWER* ² (4 Ω)	270 W/Ch	200 W/Ch	75 W/Ch	90 W/Ch	220 W/Ch	NUMBER OF TAPE HEADS	1 + 2
VL DIGITAL TECHNOLOGY	✓	✓	✓		✓	DOUBLE CASSETTE DECK	✓
DISCRETE OUTPUT STAGE CIRCUITRY	✓	✓	✓	✓	✓	HIGH-SPEED DUBBING	✓
AUDIO INPUTS/OUTPUTS	6/2	6/2	5/2	4/2	5/2	DOUBLE AUTO REVERSE	✓
PRE OUT					✓ (Subwoofer)	AUTO REVERSE	✓
MAIN IN	✓				✓	CONTINUOUS PLAY	✓
PHONO INPUT	✓	✓	✓	✓	✓	REC LEVEL CONTROLS	✓
DIRECT FUNCTION	✓	✓	✓	✓	✓	CD SYNCHRO RECORDING	✓
SPEAKER A/B DRIVE	✓	✓	✓	✓	✓	REPEAT PLAY	✓
HEAVY-DUTY SPEAKER BINDING POSTS	✓	✓	✓	✓	✓	DOLBY® B AND C NOISE REDUCTION	✓
HEADPHONE JACK	✓	✓	✓	✓	✓	ELECTRONIC COUNTER	✓
RI REMOTE CONTROL	✓	✓	✓	✓	✓	FLUORESCENT DISPLAY	✓
COLOR	Silver or Black	Silver or Black	Silver or Black	Silver or Black	Silver or Black	RI REMOTE SYSTEM	✓
						COLOR	Silver or Black

CD PLAYERS	DX-7555	DX-7355	C-733	DX-C390	TUNERS	T-4555	T-4355	T-433
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)	✓	✓	✓	✓	RDS (Radio Data System)	✓	✓	✓
DIRECT DIGITAL PATH	✓		✓	✓	NUMBER OF PRESETS	40	30	30
SUPER HIGH-PRECISION CLOCK	✓		✓		DIRECT ACCESS TUNING	✓		
MP3 Playback	✓	✓		✓	AUTOMATIC/MANUAL TUNING	✓	✓	✓
DIGITAL OUTPUT ON/OFF	✓				PRESET SCAN	✓	✓	✓
NUMBER OF REPEAT MODES	4	5	4	6	RECEPTION MODE INDICATORS	✓	✓	✓
MEMORY PLAYBACK STEPS	25	25	25	40	RI REMOTE SYSTEM	✓	✓	✓
SHUFFLE/RANDOM PLAY	By Remote	By Remote	✓	✓	COLOR	Silver or Black	Silver or Black	Silver or Black
DIGITAL OUTPUT	1 Optical/1 Coaxial	1 Optical/1 Coaxial	2 Optical	1 Optical/1 Coaxial				
ANALOG OUTPUT	✓	✓	✓	✓				
HEADPHONE JACK WITH VOLUME CONTROL	✓	✓						
RI REMOTE CONTROL	✓	✓		✓				
COLOR	Silver or Black	Silver or Black	Silver or Black	Silver or Black				

CD RECEIVER	CR-L5	DVD RECEIVER	DR-S501
RECEIVER SECTION		RECEIVER SECTION	
POWER OUTPUT* ¹ (6 Ω, 1 kHz, DIN)	41 W/Ch	POWER OUTPUT* ¹ (6 Ω, 1 kHz, IEC)	50 W/Ch
POWER OUTPUT* ¹ (4 Ω, 1 kHz, DIN)	50 W/Ch	DOLBY® DIGITAL	✓
WRAT (WIDE RANGE AMPLIFIER TECHNOLOGY)	✓	DTS®, DTS 96/24™	✓
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)	✓	HDMI VERSION	Pass-Thru
DISCRETE OUTPUT STAGE CIRCUITRY	✓	HDMI INPUTS/OUTPUTS	1/1
HIGH-CURRENT, LOW-IMPEDANCE DRIVE	✓	WRAT (WIDE RANGE AMPLIFIER TECHNOLOGY)	✓
RDS (Radio Data System)	✓	RGB VIDEO OUTPUT	1
AUDIO INPUT/OUTPUT TERMINALS	3/2	COMPONENT VIDEO OUTPUT	1
DIGITAL OUTPUTS	1 Optical/1 Coaxial	COMPOSITE VIDEO OUTPUT	1
SUBWOOFER PRE OUT	✓	SUBWOOFER PRE OUT	✓
NUMBER OF PRESETS	40	DIGITAL INPUTS	1 Optical/ 1 Coaxial
PRESET STATION NAMING	✓	A/V INPUT	2
DIRECT ACCESS TUNING	✓	PURE DIRECT MODE	✓
AUTOMATIC/MANUAL TUNING	✓	AUDIO DAC	192 kHz/24-Bit
SLEEP TIMER	✓	THEATER-DIMENSIONAL	✓
HEADPHONE JACK	✓	FM/AM RADIO PRESETS	40
RI REMOTE CONTROL	✓	RI AND IPOD DOCK CONNECTIVITY	✓
CD PLAYER SECTION		BANANA PLUG-COMPATIBLE SPEAKER POSTS	✓
NUMBER OF REPEAT MODES	3 (Entire side/ Memory/Random)	DVD PLAYER SECTION	
SHUFFLE/RANDOM PLAY	✓	DVD-Audio Playback	✓
AUDIO DAC	Single-Bit	SUPER AUDIO CD Playback	✓
COLOR	Silver	DivX® VIDEO PLAYABLE	✓
		MP3 Playback	✓
		WMA Playback	✓
		PROGRESSIVE SCAN	✓
		VIDEO DAC	108 MHz/14-Bit

*¹Channels are measured separately. **Discs that have not been properly finalized may only be partially playable or not playable at all. **Calculated on basis of IHF Dynamic headroom.

SPECIFICATIONS

A/V RECEIVERS/CONTROLLER	TX-NR906	PR-SC886	TX-SR876	TX-SR806	TX-SR706	TX-SR606
AMPLIFIER SECTION						
Power Output	220 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)	—	200 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)	180 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)	160 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)	140 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)
Front L/R, Center, Surround L/R, Surround Back L/R	400 W (3 Ω, 1 ch)	—	320 W (3 Ω, 1 ch)	300 W (3 Ω, 1 ch)	240 W (3 Ω, 1 ch)	210 W (3 Ω, 1 ch)
Dynamic Power	300 W (4 Ω, 1 ch)	—	270 W (4 Ω, 1 ch)	250 W (4 Ω, 1 ch)	210 W (4 Ω, 1 ch)	180 W (4 Ω, 1 ch)
	180 W (8 Ω, 1 ch)	—	160 W (8 Ω, 1 ch)	150 W (8 Ω, 1 ch)	120 W (8 Ω, 1 ch)	110 W (8 Ω, 1 ch)
THD (Total Harmonic Distortion)	0.05% (Rated power)	0.05% (Rated power)	0.05% (Rated power)	0.08% (Rated power)	0.08% (Rated power)	0.08% (Rated power)
Damping Factor	60 (Front, 1 kHz, 8 Ω)	—	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line)
Output Level and Impedance	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/2.2 kΩ (Rec out)
Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)
Tone Control	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	110 dB (Line, IHF-A)	110 dB (Line, IHF-A)	110 dB (Line, IHF-A)	110 dB (Line, IHF-A)	106 dB (Line, IHF-A)	106 dB (Line, IHF-A)
Speaker Impedance	4 Ω–16 Ω or 6 Ω–16 Ω	—	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω
VIDEO SECTION						
Input Sensitivity/Output Level and Impedance	Video	Video	Video	Video	Video	Video
	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)
Component Video Frequency Response	5 Hz–100 MHz (-3 dB)	5 Hz–100 MHz (-3 dB)	5 Hz–100 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)
TUNER SECTION						
Tuning Frequency Range	FM 87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz
AM	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz
Preset Memory	40 stations	40 stations	40 stations	40 stations	40 stations	40 stations
GENERAL						
Power Supply	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 230 V, 50 Hz
Power Consumption	1,000 W	85 W	870 W	740 W	550 W	550 W
Dimensions (W x H x D)	435 x 194 x 458.5 mm	435 x 194 x 444.5 mm	435 x 194 x 458.5 mm	435 x 194 x 431 mm	435 x 174 x 377 mm	435 x 174.5 x 375 mm
Weight	24.3 kg	13.5 kg	23.3 kg	17.8 kg	12.3 kg	11.4 kg

A/V RECEIVERS	TX-SR576	TX-SR506	DVD PLAYERS	DV-SP506	DV-SP406	DV-SP305
AMPLIFIER SECTION						
Power Output	130 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)	130 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)	Linear Velocity Single layer Dual layer	3.49 m/s 3.84 m/s	3.49 m/s 3.84 m/s	3.49 m/s 3.84 m/s
Front L/R, Center, Surround L/R, Surround Back L/R	180 W (3 Ω, 1 ch)	180 W (3 Ω, 1 ch)	Frequency Range (Digital Audio)	4 Hz–88 kHz (192 kHz)	—	—
Dynamic Power	160 W (4 Ω, 1 ch)	160 W (4 Ω, 1 ch)	DVD-Audio	4 Hz–44 kHz (96 kHz), 4 Hz–22 kHz (48 kHz)	20 Hz–44 kHz (96 kHz), 20 Hz–22 kHz (48 kHz)	4 Hz–44 kHz (96 kHz), 4 Hz–22 kHz (48 kHz)
	100 W (6 Ω, 1 ch)	100 W (6 Ω, 1 ch)	DVD Linear Sound	4 Hz–20 kHz (44.1 kHz)	20 Hz–20 kHz (44.1 kHz)	4 Hz–20 kHz (44.1 kHz)
THD (Total Harmonic Distortion)	0.08% (Rated power)	0.08% (Rated power)	Audio CD	106 dB	105 dB	90 dB
Damping Factor	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	S/N Ratio (Digital Audio)	96 dB	100 dB	85 dB
Input Sensitivity and Impedance	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line)	Audio Dynamic Range (Digital Audio)	0.004%	0.03%	0.0065%
Output Level and Impedance	200 mV/2.2 kΩ (Rec out)	200 mV/2.2 kΩ (Rec out)	THD (Digital Audio) (1 kHz)	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability
Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	Wow and Flutter	1.0 V p-p, 75 Ω, negative sync., pin jack x 1, SCART x 1	1.0 V p-p, 75 Ω, negative sync., pin jack x 1, SCART x 1	1.0 V p-p, 75 Ω, negative sync., pin jack x 1, SCART x 1
Tone Control	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	Composite Video Output	(Y) 0.7 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1, SCART x 1	SCART x 1	SCART x 1
Signal-to-Noise Ratio	100 dB (Line, IHF-A)	100 dB (Line, IHF-A)	S-Video Output	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pb)/(Pr) 0.7 V p-p, 75 Ω, SCART x 1	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pb)/(Pr) 0.7 V p-p, 75 Ω, SCART x 1	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pb)/(Pr) 0.7 V p-p, 75 Ω, SCART x 1
Speaker Impedance	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	Component Video Output	1.0 V p-p, 75 Ω, SCART x 1	1.0 V p-p, 75 Ω, SCART x 1	1.0 V p-p, 75 Ω, SCART x 1
VIDEO SECTION						
Input Sensitivity/Output Level and Impedance	Video	Video	RGB Video Output	—22.5 dBm	—22.5 dBm	—
	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Ca, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)	Audio Output	0.5 V p-p, 75 Ω, pin jack x 1 2.0 V RMS, 440 Ω, pin jack (5.1 ch) x 1, pin jack (L/R) x 1, SCART x 1	0.5 V p-p, 75 Ω, pin jack x 1 2.0 V RMS, 550 Ω, pin jack (L/R) x 1, SCART x 1	0.5 V p-p, 75 Ω, pin jack x 1 2.0 V RMS, 550 Ω, pin jack (L/R) x 1, SCART x 1
Component Video Frequency Response	5 Hz–50 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)	Digital (Optical)	AC 100–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz
TUNER SECTION						
Tuning Frequency Range	FM 87.5 MHz–108 MHz	87.5 MHz–108 MHz	Digital (Coaxial)	17 W	9 W	7 W
AM	522 kHz–1,611 kHz	522 kHz–1,611 kHz	Analog Audio	435 x 81 x 309 mm	435 x 58.5 x 250 mm	435 x 61 x 215.5 mm
Preset Memory	40 stations	40 stations	Power Supply	3.7 kg	1.7 kg	1.9 kg
GENERAL						
Power Supply	AC 230 V, 50 Hz	AC 230 V, 50 Hz	Power Consumption	Audio/Video cable x 1, Coaxial cable x 1, Remote control (RC-657/DV) x 1	Audio/Video cable x 1, Coaxial cable x 1, Remote control (RC-725/DV) x 1	Audio/Video cable x 1, Coaxial cable x 1, Remote control (RC-616/DV) x 1
Power Consumption	480 W	480 W	Dimensions (W x H x D)			
Dimensions (W x H x D)	435 x 150 x 379.5 mm	435 x 150 x 379.5 mm	Weight			
Weight	10.6 kg	10.6 kg	Supplied Accessories			

SPECIFICATIONS

INTEGRATED AMPLIFIERS	A-9755	A-9555	A-9355	A-9155	A-933
Power Output (8 Ω, 1 kHz, DIN)	150 W/Ch	100 W/Ch	70 W/Ch (4 Ω, 1 kHz, 2 channels driven, IEC)	65 W/Ch (4 Ω, 1 kHz, 2 channels driven, IEC)	80 W/Ch
Dynamic Power 4 Ω; 8 Ω	270 W/Ch; 170 W/Ch	200 W/Ch; 120 W/Ch	75 W/Ch; 38 W/Ch	90 W/Ch; 55 W/Ch	220 W/Ch; 110 W/Ch
THD (1 kHz, 1 W)	0.08%	0.08%	0.08%	0.08%	0.08%
Damping Factor (8 Ω, 1 kHz)	25	25	60	60	25
Sensitivity and Impedance Phono MM CD, Tuner, Tape Play Rec Out	2.5 mV (50 kΩ) 200 mV (50 kΩ) 200 mV (2.2 kΩ)	2.5 mV (50 kΩ) 200 mV (50 kΩ) 200 mV (2.2 kΩ)	2.5 mV (50 kΩ) 200 mV (50 kΩ) 200 mV (2.2 kΩ)	2.5 mV (50 kΩ) 150 mV (50 kΩ) 150 mV (2.2 kΩ)	2.5 mV (50 kΩ) 200 mV (50 kΩ) 200 mV (2.2 kΩ)
Tone Controls Bass Treble Loudness	±10 dB at 100 Hz ±10 dB at 20 kHz +10 dB at 50 Hz/+2 dB at 10 kHz	±10 dB at 100 Hz ±10 dB at 20 kHz +10 dB at 50 Hz/+2 dB at 10 kHz	±10 dB at 100 Hz ±10 dB at 10 kHz +8 dB at 100 Hz/+4 dB at 10 kHz	±10 dB at 100 Hz ±10 dB at 10 kHz +8 dB at 100 Hz/+4 dB at 10 kHz	±8 dB at 100 Hz ±8 dB at 20 kHz —
Frequency Response	10 Hz–60 kHz (+1 dB, -3 dB)	10 Hz–60 kHz (+1 dB, -3 dB)	10 Hz–60 kHz (+1 dB, -3 dB)	10 Hz–100 kHz (+1 dB, -3 dB)	10 Hz–60 kHz (+1 dB, -3 dB)
S/N Ratio (IHF-A) Phono MM CD	70 dB 100 dB 70 mV	70 dB 100 dB 70 mV	70 dB 100 dB 70 mV	70 dB 100 dB 64 mV	70 dB 100 dB 130 mV
Phono Overload (MM 1 kHz 0.5%)	435 x 144 x 431 mm	435 x 148 x 431 mm	435 x 124 x 344 mm	435 x 121 x 344 mm	275 x 103 x 328 mm
Dimensions (W x H x D)	17.6 kg	13.0 kg	7.3 kg	6.8 kg	7.5 kg
Weight					

CD PLAYERS	DX-7555	DX-7355	C-733	DX-C390
Frequency Response	2 Hz–20 kHz	4 Hz–20 kHz	5 Hz–20 kHz	5 Hz–20 kHz
S/N Ratio	111 dB	106 dB	110 dB	98 dB
Dynamic Range	100 dB	100 dB	96 dB	96 dB
THD (1 kHz)	0.0027%	0.0029%	0.003%	0.005%
Wow and Flutter	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability
Dimensions (W x H x D)	435 x 111 x 405 mm	435 x 81 x 315 mm	275 x 103 x 304 mm	435 x 131 x 432 mm
Weight	8.0 kg	4.4 kg	4.5 kg	6.9 kg

TUNERS	T-4555	T-4355	T-433
Tuning Range FM AM	87.50–108.00 MHz (50 kHz steps) 522–1611 kHz (9 kHz steps)	87.50–108.00 MHz (50 kHz steps) 522–1611 kHz (9 kHz steps)	87.50–108.00 MHz (50 kHz steps) 522–1611 kHz (9 kHz steps)
Usable Sensitivity FM Mono FM Stereo AM	11.2 dBf, 1.0 μV 75 Ω IMF 17.2 dBf, 2.0 μV 75 Ω IMF 30 μV	11.2 dBf, 0.9 μV 75 Ω DIN 17.2 dBf, 20.0 μV 75 Ω DIN 30 μV	11.2 dBf, 1.0 μV 75 Ω IMF 17.2 dBf, 2.0 μV 75 Ω IMF 30 μV
S/N Ratio FM Mono (IHF) FM Stereo (IHF) AM	76 dB 70 dB 40 dB	76 dB 70 dB 50 dB	76 dB 70 dB 50 dB
THD FM Mono FM Stereo AM	0.2% 0.3% 0.7%	0.2% 0.3% 0.7%	0.2% 0.3% 0.7%
Frequency Response (FM)	30 Hz–15 kHz (±1.0 dB)	20 Hz–15 kHz (±1.5 dB)	20 Hz–15 kHz (±1.5 dB)
FM Stereo Separation	45 dB at 1 kHz	45 dB at 1 kHz	45 dB at 1 kHz
Dimensions (W x H x D)	435 x 81 x 310 mm	435 x 81 x 310 mm	275 x 78 x 309 mm
Weight	4.6 kg	3.2 kg	3.0 kg

HI-FI RECEIVERS	TX-8555	TX-8255
AMPLIFIER SECTION		
Power Output (4 Ω, 1 kHz, IEC)	125 W/Ch	90 W/Ch
Dynamic Power 4 Ω; 8Ω (Front)	120 W/Ch; 75 W/Ch	90 W/Ch; 55 W/Ch
THD (Rated Power)	0.08%	0.08%
Frequency Response	10 Hz–100 kHz (+1 dB, -3 dB)	10 Hz–100 kHz (+1 dB, -3 dB)
S/N Ratio Line	100 dB (IHF-A)	100 dB (IHF-A)
TUNER SECTION		
Tuning Frequency Range FM AM	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz
GENERAL		
Dimensions (W x H x D)	435 x 149 x 340 mm	435 x 149 x 340 mm
Weight	8.5 kg	7.5 kg

CD RECEIVER	CR-L5
RECEIVER SECTION	
AMPLIFIER SECTION	
Power Output* (4 Ω, 1 kHz, DIN)	50 W/Ch
THD (Rated Power/1 W Output)	1%/0.2%
Frequency Response	10 Hz–100 kHz (–3 dB)
S/N Ratio	100 dB (IHF-A)
TUNER SECTION	
Usable Sensitivity FM Mono FM Stereo AM	11.2 dBf, 1.0 μV (75 Ω IHF) 17.2 dBf, 2.0 μV (75 Ω IHF) 30 μV
S/N Ratio FM Mono FM Stereo AM	73 dB 67 dB 40 dB
THD FM Mono/FM Stereo/AM	0.2%/0.3%/0.7%
FM Stereo Separation	35 dB at 1 kHz, 25 dB at 100 Hz–10 kHz

CD SECTION	
Signal Readout System	Optical non-contact
Reading Rotation	About 200–500 r.p.m. (Constant linear velocity)
Linear Velocity	3.49 m/s (Single layer), 3.84 m/s (Dual layer)
Error Correction System	Reed Solomon Product Code
DAC	96 kHz/24-Bit
Number of Channels	2 (Stereo)
Digital Filter	352.8 kHz, 8x oversampling
Frequency Response	5 Hz–20 kHz
Wow and Flutter	Below threshold of measurability
GENERAL	
Power Supply	AC 230–240 V, 50 Hz
Power Consumption	130 W
Dimensions (W x H x D)	435 x 81.5 x 382 mm
Weight	6.9 kg
Supplied Accessories	Remote control (RC-535) x 1

DVD RECEIVER	DR-S501
RECEIVER SECTION	
AMPLIFIER SECTION	
Power Output* (6 Ω, 1 kHz, IEC)	50 W/Ch
THD (Rated Power/1 W Output)	0.9%/0.08%
Frequency Response	10 Hz–100 kHz (±3 dB)
S/N Ratio	100 dB (IHF-A)
TUNER SECTION	
Tuning Frequency Range FM AM	87.5 MHz–108 MHz 522 kHz–1,611 kHz
FM/AM Preset Memory	40 stations

DVD/CD SECTION	
Signal Readout System	Optical non-contact
Linear Velocity Single Layer/Dual Layer	3.49 m/s/3.84 m/s
Frequency Range (Digital Audio)	
DVD-Audio	4 Hz–88 kHz (192 kHz)
DVD Linear Sound	4 Hz–44 kHz (96 kHz), 4 Hz–22 kHz (48 kHz)
Audio CD	4 Hz–20 kHz (44.1 kHz)
Wow and Flutter	Below threshold of measurability
Composite Video Output	1.0 V p-p, 75 Ω, negative sync.
Component Video Output	(Y) 1.0 V p-p, 75 Ω, (Ps)/(Pr) 0.7 V p-p, 75 Ω
GENERAL	
Power Consumption	115 W
Dimensions (W x H x D)	435 x 90 x 415 mm
Weight	8.6 kg
Supplied Accessories	Video cable x 1, Remote control (RC-704S) x 1

CASSETTE DECK	TA-RW255
Wow and Flutter (WRMS)	0.13%
Frequency Response	
METAL	30 Hz–15 kHz ±3 dB
HIGH	30 Hz–14 kHz ±3 dB
NORMAL	30 Hz–14 kHz ±3 dB
S/N Ratio (METAL, Dolby® NR off)	56 dB
Heads	
Rec & Pb. Erase	Special hard permalloy x 2 Ferrite x 1
Motors	DC servo motor x 2
Dimensions (W x H x D)	435 x 121 x 303 mm
Weight	4.9 kg

* Channels are measured separately.



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